SMARTH
Manual

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This is version 3 of the SMARTH Manual. Please visit cardosystems.com/product-manuals/ for the latest version of this manual in your preferred language, as well as other manuals and tutorials.

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1. Introduction

Thank you for choosing the Cardo SMARTH Bluetooth® communication and entertainment system for motorcycle helmets.

This Manual describes the features of your SMARTH and how to use them.

We wish you a great SMARTH experience with your SMARTH and encourage you to write to us at **support@cardosystems.com** regarding any questions, suggestions or comments you may have.

If you have not yet installed the SMARTH headset in your helmet, please install it as described in the SMARTH Installation Guide provided in the package.

1.1 Abbreviations

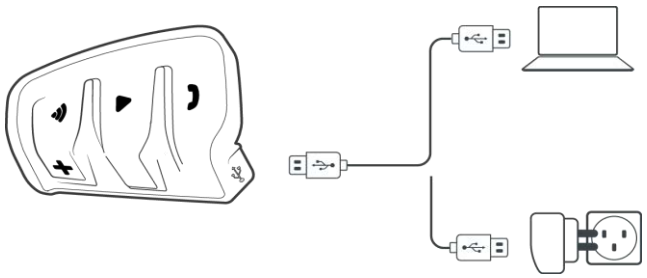
The following abbreviations are used in this manual:

Abbreviation	Description
A2DP	Advanced Audio Distribution Profile (Bluetooth profile)
AGC	Automatic Gain Control
IC	Intercom
RDS	Radio Data System
VOX	Voice Operated Control

2. Charging the SMARTH

Make sure that your SMARTH battery is fully charged for at least 4 hours before initial use.

To charge the SMARTH:



1. Connect the USB cable Type A plug to either the wall charger supplied with your SMARTH, or to a computer USB port.
2. Connect the USB cable Type B plug to the SMARTH USB port.

- Charging with the wall charger is faster than via a computer USB port.
- Charging your headset switches it off automatically. To use your headset while it is being charged, switch it on. (see Section 3.2 - Switching Your Headset On/Off).

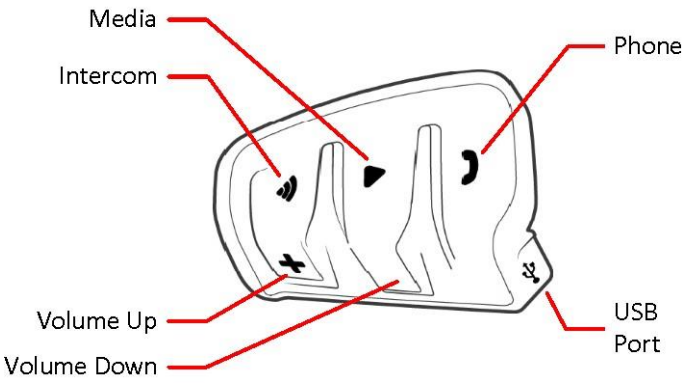
During charging, the LED indicates charging status as follows:

- red LED on - charging
- red LED off - charging complete

3. Getting Started

3.1 Getting to Know Your Headset

The SMARTH headset has the following items for operating the unit:



3.2 Switching Your Headset On/Off

To switch your SMARTH on:

- Tap ~Audio and ~Phone. The speaker plays an ascending tone and a voice message "Hello SMARTH".

The LED confirms your SMARTH is on:

- Normal and low battery states - LED flashes blue three times.
- Charging - LED flashes purple three times.

To switch your SMARTH off:

- Tap ~Audio and ~Phone. The speaker plays a descending tone and a voice message "Goodbye".

Connecting your headset to a charge switches off the headset.

3.3 Different Ways to Operate Your SMARTH

You can operate the various features by any of the following methods:

- Pressing a button or combination of buttons on the headset.
- Using the SmartSet app on your mobile device (once it is paired with the headset).
- Using the Voice-Assisted Menu in combination with either headset buttons or with the VOX (by saying a word loudly, see the note below).
- Automatic voice recognition (by saying a command, for example "radio on").

This manual describes the most suitable method or methods to operate each feature.

LEDs indicates modes and events for the battery states. For more information, see Modes and Events SMARTH

You hear voice announcements on your headset for mode changes and events.

VOX (voice operated control) is for hands free operation of your SMARTH. You can say a word or phrase loudly and your SMARTH performs that function. You can also adjust VOX sensitivity for the microphone, see "Configuring Your SMARTH Basic Settings" on page 18

3.4 Basic Functions

To turn the volume up for current audio source:

- Tap ~Volume Up.

With each tap, a louder tone is played on the speaker.

To turn the volume down for current audio source:

- Tap ~Volume Down.

With each tap, a quieter tone is played on the speaker.

To mute the microphone completely and lower the speaker volume for the current state:

- Tap ~Volume Up and ~Volume Down.

The red LED comes on for 2 seconds and a descending tone is played on the speaker.

> You can automatically adjust your volume to reduce noise by using AGC (automatic gain control). AGC adjusts your volume according to ambient noise and riding speed. You can also adjust AGC sensitivity, see "Configuring Your SMARTH Basic Settings" on page 18.

3.5 Pairing Your Headset to Bluetooth Devices

Your SMARTH has two Bluetooth channels for connection to mobile phones, GPS devices and music players with A2DP.

To connect your SMARTH to a Bluetooth device, you must first pair them. Once paired, they automatically recognize each other whenever they are within range (10m / 33ft).

> If you are pairing more than one device, Cardo recommends that you pair the mobile phone to channel 1, and the GPS or music player to channel 2.

3.5.1 Pairing through the Headset Buttons

To pair Bluetooth channel 1 to a device:

1. Enable Bluetooth on the device.
2. Press ~Phone for 5 seconds.
3. Search for Bluetooth devices on your device as described in your device's instructions.
4. After a few seconds the device lists your SMARTH. Select it.
5. If prompted for a PIN or Passkey, enter 0000 (four zeros).
6. The device confirms that pairing has succeeded and the LED flashes purple for 2 seconds.

To pair Bluetooth channel 2 to another device:

1. Enable Bluetooth on the device.
2. Press ~Audio for 5 seconds.
3. Tap ~Phone twice until the LED start flashing red and green.
4. Search for Bluetooth devices on your device as described in your device's instructions.
5. After a few seconds the device lists your SMARTH. Select it.
6. If prompted for a PIN or Passkey, enter 0000 (four zeros).
7. The device confirms that pairing has succeeded and the LED flashes purple for 2 seconds.

To pair a Bluetooth channel to a GPS device:

1. Enable Bluetooth on the device.
2. Press ~Phone for 5 seconds.

> If you want to pair the GPS device to Bluetooth channel 2, tap ~Phone twice.

3. Tap ~Volume Up.
4. The device confirms that pairing has succeeded and the LED flashes purple for 2 seconds.

To cancel the pairing process:

- Press ~Phone until the LED stops flashing red and blue or green and blue.

To reset all Bluetooth device pairing:

1. Press ~ and ~Phone for 5 seconds and your SMARTH LED confirms pairing reset:
   - Normal and low battery states - LED flashes purple slowly 5 times.
   - Charging - LED flashes purple and red slowly 5 times.

- If pairing is not completed within 2 minutes, the headset automatically returns to Standby.
- If you have paired two different mobile phones directly to your SMARTH, set one as default for making calls (see "Setting the Default Mobile Phone" on page 26).
- If your GPS supports it, you can pair the second mobile phone directly to the GPS and then pair the GPS to your SMARTH, and so connect both mobile phones and the GPS to your SMARTH.
- Not all Bluetooth mobile phones broadcast Bluetooth Stereo music (A2DP), even if the phone has an MP3 player function. Consult your mobile phone's user manual for more information.
- Not all Bluetooth GPS devices allow connection to Bluetooth audio devices. Consult your GPS User Manual for more information.

3.5.2 Pairing through the Headset Voice-Assisted Menu

To pair your SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Tap ~ and ~Volume Up twice.
2. When the voice-assisted menu reaches "Advanced Features", tap ~ or use VOX.
3. When the voice-assisted menu reaches the required option, tap ~ or use VOX.

- To reset all Bluetooth intercom pairing, select the menu option "Reset Mobiles and GPS Pairing".

3.6 Pairing the Bluetooth Intercom

The SMARTH allows full-duplex Bluetooth intercom communication for chatting with up to three riders on Cardo or non-Cardo devices.

To connect your SMARTH to another device with a Bluetooth intercom, you must first pair their channels. Once paired, the headsets automatically recognize each other whenever they are in range (line of sight up to 1.2 km / 3,900 ft subject to terrain).

- Pairing a channel replaces any existing paired device on that channel with the new device.
- If you have purchased the SMARTH MultiSet, the retail package contains two prepaired units configured to communicate on Channel A.
- Your SMARTH is compatible with most Cardo models for Bluetooth intercom calls. In addition, it is also compatible with the Schuberth SRC-System™. Intercom range with other models is limited to the distance of the device with the shorter range.
  For details on how to pair and use your SMARTH with other SMARTH models, go to www.cardosystems.com/compatibility.

3.6.1 Pairing the Bluetooth Intercom to other Cardo Headsets

To pair your SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. On your headset, press ~ for 5 seconds.
3. Select the Bluetooth intercom channel you would like to pair:
   - Channel A - do not tap anything (default channel).
   - Channel B - tap ~ twice.
4. On the other Cardo headset, activate Bluetooth pairing mode (see the other Cardo headset user manual).
5. The device confirms that pairing has succeeded and the LED flashes purple for 2 seconds.

- To cancel the pairing process, press ~Phone until the LED stops flashing.
- If pairing is not completed within 2 minutes, the headset automatically returns to Standby.
- To reset all Bluetooth intercom pairing, while in Bluetooth intercom pairing mode, press ~ and ~Phone for 2 seconds.

To pair your SMARTH with Cardo headsets through SmartSet:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.

- Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. Open SmartSet and tap .
3. Tap **Bluetooth**
4. Tap **Add** for the required channel. and follow the on screen menus.

- To reset all Bluetooth intercom pairing, tap **Delete all**.

To pair your SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. Tap ~ and ~Volume Up twice.
3. When the voice-assisted menu reaches "Advanced Features", tap ~ or use VOX.
4. When the voice-assisted menu reaches your required option ("Pair Intercom A", "Pair Intercom B", or "Pair Intercom C"), tap ~ or use VOX.

- To reset all Bluetooth intercom pairing, select the menu option "Reset Channel A & B Pairing".

3.6.2 Pairing the Bluetooth Intercom to non-Cardo Headsets

The Cardo gateway enables Cardo headsets to connect to non-Cardo over Bluetooth.

To pair your SMARTH with non- Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. On your headset, press ~ for 5 seconds.
3. Select the Bluetooth intercom channel you would like to pair:
   - Channel A - do not tap anything (default channel).
   - Channel B - tap ~ twice.
4. Tap ~Phone to activate the Cardo gateway.

5. On the non-Cardo headset, activate Bluetooth pairing mode (see the non- Cardo headset user manual).
6. The device confirms that pairing has succeeded and the LED flashes purple for 2 seconds.

- To cancel the pairing process, press ~Phone until the LED stops flashing.
- If pairing is not completed within 2 minutes, the headset automatically returns to Standby.
- To reset all Bluetooth intercom pairing, while in Bluetooth intercom pairing mode, press ~ and ~Phone for 2 seconds.

To pair your SMARTH with non-Cardo headsets through SmartSet:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. Open SmartSet and tap .
3. Tap **Bluetooth**.
4. Tap **Add** for the required channel. and follow the on screen menus.

- To reset all Bluetooth intercom pairing, tap **Delete all**.

To pair your SMARTH with non- Cardo headsets through the headset voice-assisted menu:

- When using voice-assisted menus, you can only pair through Channel B.

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. Tap ~ and ~Volume Up twice.
3. When the voice-assisted menu reaches "Advanced Features", tap ~ or use VOX.
4. When the voice-assisted menu reaches your required option ("Pair Mobile phone to Channel 1", "Pair Mobile phone to Channel 2", or "Pair GPS to Channel 1), tap ~ or use VOX.

- To reset all Bluetooth intercom pairing, select the menu option "Reset Channel A & B Pairing".

3.7 Using One+8 Intercom

You can use One+8 Intercom for conference calls with up to 8 riders. The riders are called "buddies". You preset your buddies in your "buddy list" with any name you chose. You can connect with your buddies directly using a buddy name on your buddy list.

If your buddy is not in intercom range, One+1 Intercom automatically makes a phone to the buddy. You use Cardo Community to set each buddy's phone number.

3.7.1 Managing Your One+8 Intercom Buddy List

You must add riders to your One+1 buddy list before using One+8 Intercom.

> You add yourself to the buddy list so other riders on the buddy list can call you.

To add a buddy to your One+8 buddy list:

- To use Cardo Community:
- To use the headset buttons:
  a. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
  b. Tap ~Intercom and ~Volume Up for 5 seconds.
  c. xxx
- To use SmartSet:
  a. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
  b. Tap .
  c. Tap **Bluetooth**.

> If your SMARTH is not in Bluetooth intercom mode, SmartSet prompts you to change to Bluetooth intercom. Tap **OK**.

  d. In **BUDDIES**, tap

. xxx
  e. SmartSet prompts you to confirm you are entering Buddy Pairing mode. Tap **YES**.

To change a buddy on your One+8 buddy list:

- To use the headset buttons:
- To use SmartSet:
  a. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
  b. Tap .
  c. Tap **Bluetooth**.
  d. In **BUDDIES**, tap xxx. xxx
  e. xxx
- To use the headset voice-assisted menu:

To remove a buddy from your One+8 buddy list:

- To use the headset buttons:

- To use SmartSet:
  a. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
  b. Tap .
  c. Tap **Bluetooth**.
  d. In **BUDDIES**, tap xxx. xxx
  e. xxx
- To use the headset voice-assisted menu:

4. Before You Ride

Get the most out of your SMARTH by changing the settings and customizing your headset according to your own personal preferences.

You can customize your SMARTH using either of the following methods:

- Cardo SmartSet App on iOS / Android (see "Configuring Your SMARTH through Cardo SmartSet" on the next page).
- Cardo Community on Windows / Mac - minimum requirements - Windows® XP™ / Mac OS X 10.8 (see "Configuring Your SMARTH through the Cardo Community" on page 23).
- Headset buttons
- Voice-assisted menu on your device

Cardo recommends customizations and settings before setting out on the road.

Object	Default Value	Description	SmartSet App (iOS/Android)	Cardo Community	Voice-Assisted Menu
AGC sensitivity for the speakers (Off/Low/Medium/High)	Medium	Automatic Gain Control allowing the automatic adjustment of volume according to ambient noise and riding speed.	ü	ü	ü
Audio priority (A2DP/Bluetooth intercom/ DMC intercom)	Intercom	Priority of audio source playing through speakers and preventing current intercom call from interruption.	ü	ü	ü
Click-to-Link settings (Enable/Disable)	Enable	Spontaneous way to instantly initiate one-on-one intercom calls with other riders near you, without being paired.	ü	ü	ü
Create, join or leave a group of riders	Empty	DMC intercom groups. For more information, see "Creating Groups for DMC Intercom" on page 28.	ü	û	ü
Download the latest firmware upgrade	N/A	For new features, your Cardo headset software may periodically require upgrades. Firmware upgrades implement software upgrades. For more information, see "Upgrading Firmware for New Features" on page 25.	û	ü	û
FM Band		If you are in Japan, select Japan. Otherwise, select Worldwide.	ü	û	ü

Object	Default Value	Description	SmartSet App (iOS/Android)	Cardo Community	Voice-Assisted Menu
Intercom Mode (DMC/Bluetooth)	Bluetooth Intercom	DMC intercom and Bluetooth intercom.	ü	û	ü
Intercom-to-Phone (Enable/Disable)	Enable	Automatically divert intercom calls to mobile calls.	ü	ü	û
Language	According to Your Region	Voice-assisted menu language.	ü	û	ü
Background Audio Level (Enable/Disable)	N/A	xxx.	ü	û	û
RDS (Enable/Disable)	Disable	Radio Data System allows the radio to automatically retune to the strongest frequency available for the FM station you are listening to when the signal becomes too weak	ü	ü	ü
Set speed dial numbers	Empty	Pre-set phone numbers for automatic dialing.	ü	ü	û
Set the 6 FM radio presets	90.0	Pre-set FM radio stations for automatic tuning.	ü	ü	û
Spoken Status Announcements (Enable/Disable)	Enable	Voice announcements so you always know to whom or to what device you are connected.	ü	ü	ü
VOX operation	Enable	Hands-free operation using a voice activity director.	ü	ü	ü
VOX sensitivity for the microphone (Low/Medium/High)	Medium	Automatically adjusts the level of ambient noise for your microphone while you riding.	ü	ü	ü

VOX and AGC performance vary based on environmental conditions, including driving speed, helmet type and ambient noise. For improved performance, minimize the wind impact on the microphone by using the large microphone sponge and closing the visor.

4.1 Configuring Your SMARTH through Cardo SmartSet

You can configure your SMARTH through your mobile phone by installing the Cardo SmartSet available at Google Play Store and Apple App Store.

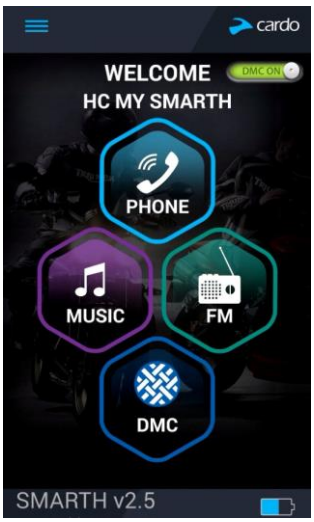
The minimum operating system requirements for SmartSet are:

- Android: 4.0 and higher
- IOS: 10.8 and higher

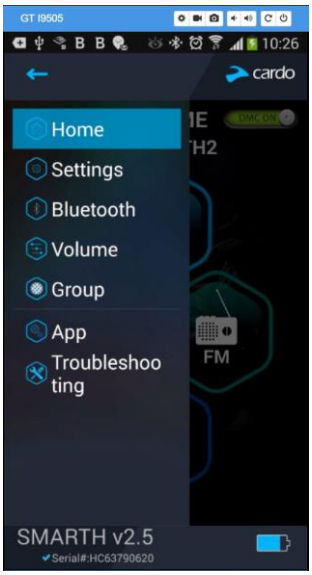
4.1.1 Configuring Your SMARTH Basic Settings

To configure your SMARTH through the SmartSet app:

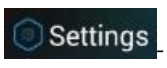
1. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
2. Open SmartSet and tap :



3. The settings screen appears.



4. Use the appropriate menu to configure your SMARTH settings:

- 

- SMARTH features
  - **MY DEVICE** - change **Device Name**
  - **LANGUAGE** - set **Language**, enable/disable **Spoken Status Announcements**
  - **VOX** - enable/disable **VOX Activation**, set **VOX Sensitivity** (low, medium, or high), set **VOX Operation** (**Voice command** or **Intercom call**)
  - **AGC** - enable/disable **AGC Activation**, set **AGC Sensitivity** (low, medium, or high)

* **FEATURES** - enable/disable **Click-to-link**, enable/disable **IC to Phone**, enable/disable **Background Audio Level** , set **A2DP/IC Priority** (**A2DP** or **Intercom**), **Reset to Factory**, set **FM Band Region** (Worldwide or Japan)

- Bluetooth - connected devices and riders, manage One+8 Buddy List
- Volume - sets the level for each audio source (mobile phone, intercom, music, FM, announcements, background audio-level).
- Group - DMC intercom group manager - list of groups you created, list of groups you joined, active groups, create a **New Group**, **Join Group** an existing group
- App - SmartSet preferences and general information
- Troubleshooting - **FAQ**, email Cardo **SUPPORT**, **FEEDBACK**

Streaming more than one audio source is known as parallel audio streaming.

4.1.2 Configuring Speed Dial Numbers

To configure the speed dial numbers:

1. In the Home screen, tap **PHONE**.

2. Press **SPEED DIAL** or one of

until the following screen appears:
3. Enter the desired phone number and tap OK.

The speed dial numbers are only available only through SmartSet.

4.1.3 Configuring Your FM Radio Manually

Your SMARTH includes a built-in FM radio with a six presets and Radio Data System (RDS). RDS allows the FM radio to automatically retune to the strongest frequency available for the FM station you are listening to when the signal becomes too weak.

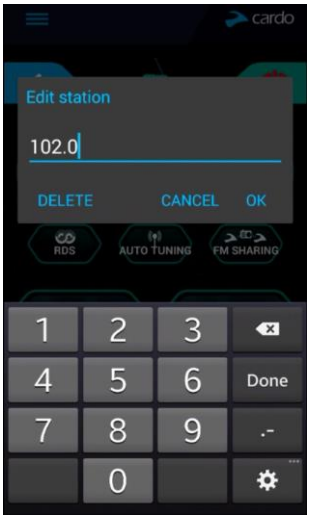
You can configure your FM radio preset stations manually or using auto tuning. To configure the FM radio presets using auto tuning, see "Configuring Your FM Radio Using Auto Tuning" on the next page.

To configure RDS see, "Configuring FM Radio RDS Retuning through Cardo SmartSet" on page 23.

To configure the six FM radio preset radio stations manually:

1. In the Home screen, tap **FM**.

2. Press the required preset until the following screen appears:



3. Enter the desired FM station's frequency and tap OK.
4. To delete a preset station, tap **DELETE** in Step 2

- Preset radio station 1 cannot be deleted.
- During a station scan, deleted preset radio stations are skipped. The station scan automatically advanced to the next defined preset station. For more information, see "Listening to FM Radio" on page 40.

4.1.4 Configuring Your FM Radio Using Auto Tuning

You can configure your SMARTH FM radio preset stations using auto tuning. Auto tuning automatically locates FM stations.

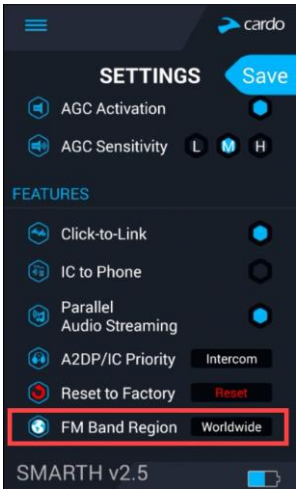
The FM Band Frequency is set to Worldwide FM frequencies by default. In Japan, you must change the FM Band.

To set the FM Band:

1. Open SmartSet and tap :

2. Tap
.

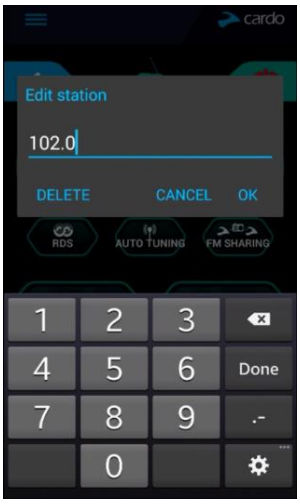
3. Scroll to the **FEATURES** section and tap **Worldwide** or **Japan** to toggle your **FM Band Region**.



To configure the six FM radio preset radio stations using Auto Tuning:

1. In the Home screen, tap **FM**.

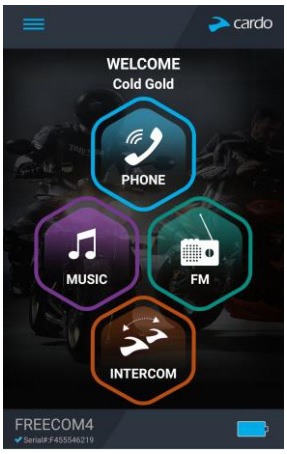
2. Press . The preset is automatically reset to the FM station with the strongest signal available.



4.1.5 Configuring FM Radio RDS Retuning through Cardo SmartSet

To enable/disable RDS:

1. Open SmartSet and tap :



2. In the Home screen, tap **FM**.

3. Tap . RDS enables/disables.

4.2 Configuring Your SMARTH through the Cardo Community

You can configure your SMARTH through your computer by connecting it to the headset with the provided USB cable and running the Cardo Updater while your computer is connected to the Cardo Community website.

The minimum operating system requirements for the Cardo Updater are:

- Windows® XP™
- Mac OS X 10.7.

4.2.1 Installing the Cardo Updater on Your Computer

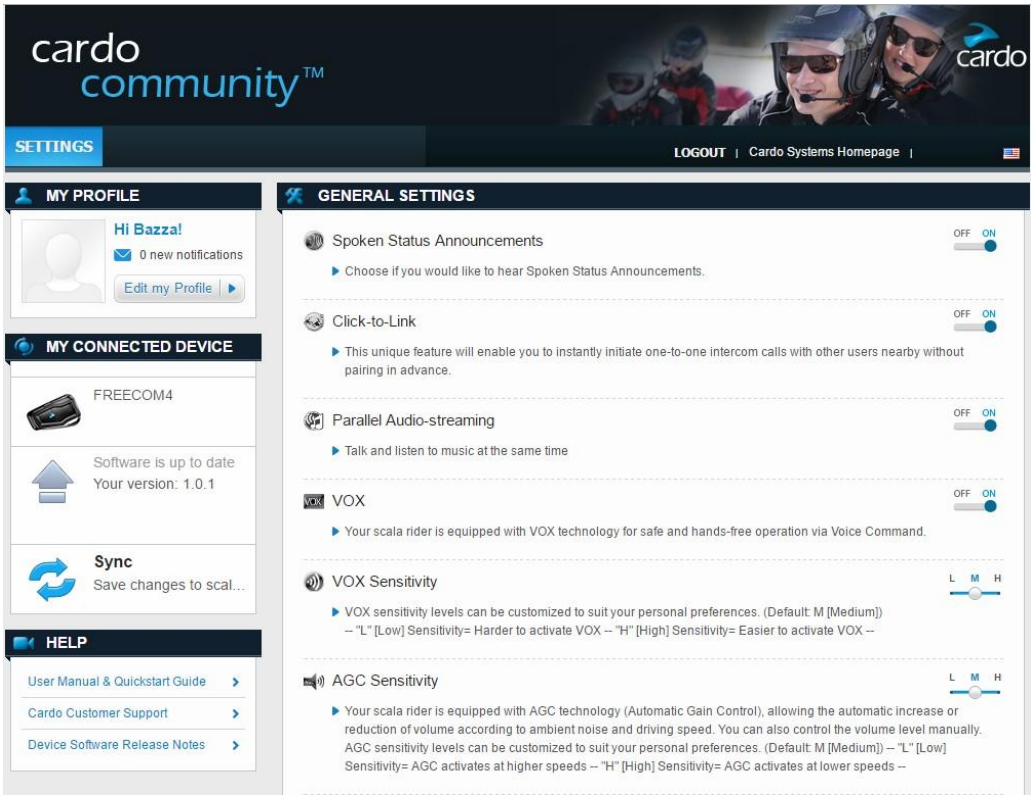
To install the Cardo Updater on your computer:

1. Go to http://cardosystems.com/cardo-community/, register and login.
2. Download the Cardo Updater from the provided links and install it on your computer.

4.2.2 Configuring Your SMARTH Basic Settings

To configure your SMARTH through the Cardo Community:

1. Run the Cardo Updater.
2. Using the USB cable provided with your SMARTH, connect your headset to the computer USB port. The **GENERAL SETTINGS** window appears:



3. Set the options you require for each feature, using the provided explanations as a guide.

4.2.3 Configuring Your FM Radio through Cardo Cardo Community

To configure the six FM radio preset radio stations using Cardo Community:

1. Scroll down to **FM RADIO PRESETS**.

2. On **FM Band**:
   - If in Japan, select **Japan**.
   - Otherwise, select **Worldwide**.

3. On the preset station you want to edit, click .
4. Enter the desired FM station's frequency and press **Enter**.

You can also use the left and right blue arrows on the frequency scale to update the preset frequency.

4.2.4 Upgrading Firmware for New Features

For new features, Cardo may periodically update the SMARTH firmware.

To update the firmware:

1. Go to http://cardosystems.com/cardo-community/, register and login.
2. Download the Cardo Updater from the provided links and install it on your computer.
3. Connect the USB cable Type A plug to your computer USB port. 2.
4. Connect the USB cable Type B plug to the SMARTH USB port.

4.3 Configuring Your SMARTH through the Headset Voice-Assisted Menus

You can configure your SMARTH using the headset's voice-assisted menu in combination with either headset buttons or use VOX.

To configure your SMARTH through the voice-assisted menus:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

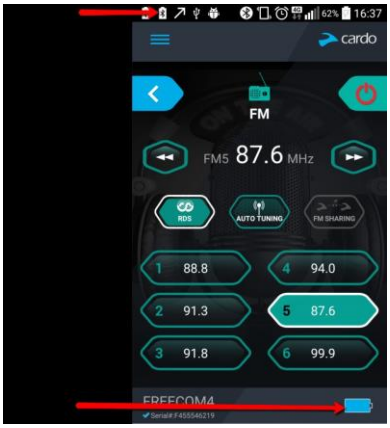
2. Tap ~Phone and ~Volume Down for 5 seconds.
3. When the voice-assisted menu reaches your required option ("Language", "A2DP Audio Priority", "Spoken Status Announcements", "Click-to-Link", "AGC", "RDS", "VOX Sensitivity", "VOX", "Background Audio Level "), tap ~ or use VOX.

4.4 Checking Battery Status through Cardo SmartSet

Battery Status on Your Mobile Phone

If you installed SmartSet on your mobile phone, you can check the battery status as follows:

- Android - the headset battery indicator appears in the app bottom right-corner, as well as in the notification bar:



- iOS - the headset battery indicator appears next to the iPhone battery indicator.

If your SMARTH battery level reaches 20%, you hear a battery status voice announcement warning you that your battery is low.

4.5 Setting the Default Mobile Phone

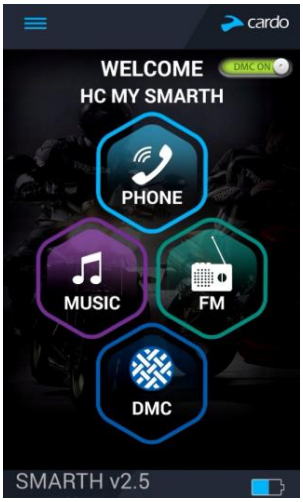
If you paired your headset to two mobile phones, you must set one of them as the default phone for outgoing calls.

To set the default phone through SmartSet:

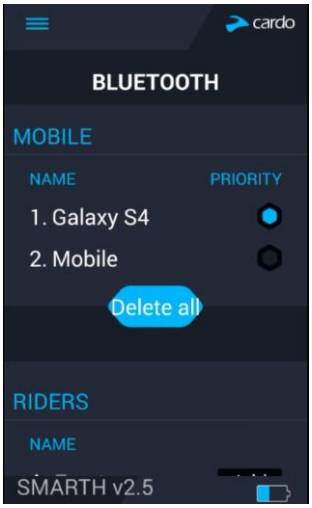
1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. Open SmartSet and tap :



3. Under **BLUETOOTH**, tap **PRIORITY** for the default mobile phone.



To set the default phone through the Cardo Community

To set the default phone through the headset:

- During a mobile call, press ~Phone for 5 seconds.

4.6 Using Voice Commands

You can use voice commands for hands free operation of certain SMARTH features. Voice commands use voice recognition. You loudly say a command and SMARTH performs the action. Voice commands are available in various languages. English is the default language. You can change the language to another available language.

SMARTH uses pre-defined voice commands. The voice commands for each mode are as follows:

In Mode	To Perform The Action	Say
Standby mode	Hear voice the command list	"Command List"
	Start A2DP	"Music On"
	Turn on the FM radio	"Radio On"
	Check battery status	"Battery Status"
Standby / FM / A2DP mode	Connect an One+8 Intercom call	<<Say Buddy Name>>[1]
	Connect an intercom conference call with A and B	"Call Intercom"[2]
FM Radio	Turn off the FM radio	"Radio Off"
	Jump forward to the next preset station	"Next Station"
	Jump backward to the previous preset station	"Previous Station"
A2DP Music	Stop/pause A2DP	"Music Off"
	Play the next music track	"Next Track"
	Play the previous music track	"Previous Track"
DMC intercom	Mute the DMC intercom group	"Mute the Pack"[2]
	Unmute the DMC intercom group	"Unmute the Pack"[2]

[1]You must be in DMC intercom mode. For more information, see "Creating Groups for DMC Intercom" on the next page

[2]You must be in Bluetooth intercom mode.

To use a voice command:

1. Confirm you are in the correct mode for your desired voice command.
2. Say the voice command loudly.

4.7 Creating Groups for DMC Intercom

The SMARTH uses Dual DMC™ (Dynamic Meshwork Communication) technology. DMC creates a spontaneous and fluid virtual network of riders providing seamless group communications. DMC is a more stable connection in a group of riders than the Bluetooth intercom mode. DMC range is 3.6 km / 2.2 m.

Under tough environmental conditions (dense forest, narrow buildings, heavy traffic), DMC intercom range may be reduced. Once conditions improve, the range increases again.

In DMC intercom mode, each rider acts as an autonomous hub that maintains simultaneous and independent communication links with each of the other members in the group, operating in a mesh network.

Whenever a SMARTH a group member cannot directly connect with group members beyond his DMC intercom range, DMC readjusts within split seconds re-connecting to the most suitable other group member in order to "leapfrog" to the remote member.

Any rider can start a new SMARTH DMC group. DMC automatically searches for other riders in DMC intercom grouping mode and in range then automatically adds them to the group.

Other riders can join, leave, and rejoin existing DMC groups without compromising the integrity of the ongoing multi-point conference call among the other group members.

SMARTH DMC intercom mode:

- is limited to a maximum of four riders
- a group can only have one “Group Creator”
- a group can have up to three "Group Members"
- a "Group Creator" can create up to 6 groups
- a "Group Member" can join up to 6 groups
- all members should be within 3 meters of the creator for pairing
- the group continues functioning even if the Group Creator is no longer available
- if a rider's connection is lost the rider remains part of the group and reconnects automatically once in range.

4.7.1 Starting DMC intercom Groups

You can start a new DMC intercom group.

To create a new DMC group for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. Press ~Intercom. The DMC group is created.

To create a new DMC group for SMARTH with Cardo headsets through SmartSet:

1. Make sure that your headset is paired to the mobile device on which SmartSet is installed.

2. Slide

to

. SMARTH is in DMC intercom mode
3. Tap .
4. Tap **Group**.
5. Tap **New Group**.
6. Enter your New Group name and tap **OK**. Your DMC intercom group appears in group list.

To create a new DMC group for SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. Tap ~ and ~Volume Up twice.
3. When the voice-assisted menu reaches "Advanced Features", tap ~Intercom or use VOX.
4. When the voice-assisted menu reaches the required option, tap ~Intercom or use VOX.

4.7.2 Joining DMC intercom Groups

You can join a DMC intercom group created by another rider. If you leave a group, see "Leaving DMC intercom Groups" on the next page

To join an existing DMC group for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. On your headset, press ~Intercom for 5 seconds.

To join an existing DMC group for SMARTH with Cardo headsets through SmartSet:

1. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
2. Slide

to

. SMARTH is in DMC intercom mode.
3. Tap .
4. Tap **Group**.
5. Tap **Join Group**. SmartSet confirms groups starts.
6. {cannot see next in }
7. Enter your New Group name and tap **OK**. Your DMC intercom group appears in group list.

To join an existing DMC group for SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

> If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. Tap ~ and ~Volume Up twice.
3. When the voice-assisted menu reaches "Advanced Features", tap ~Intercom or use VOX.
4. When the voice-assisted menu reaches the required option, tap ~Intercom or use VOX.

4.7.3 Leaving DMC intercom Groups

You can leave a DMC intercom group without deleting the DMC intercom group. For example, you may leave a group to create a new group or join another group. You can rejoin a group later, see "Joining DMC intercom Groups" on the previous page.

> If your DMC group connection is lost, you remain part of the group. Once in range of any other group member, you automatically reconnect.
>
> If your DMC group splits with some group members remaining in range of each other but not in range of all group members, you can continue speaking with the members still in range. Once in range of any other group member, you automatically reconnect.
>
> If you join a new DMC group, you automatically leave your existing DMC group.

To leave an existing DMC group for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

> If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

To leave an existing DMC group for SMARTH with Cardo headsets through SmartSet:

To leave an existing DMC group for SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

> If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. Tap ~ and ~Volume Up twice.
3. When the voice-assisted menu reaches "Advanced Features", tap ~Intercom or use VOX.

4. When the voice-assisted menu reaches the required option, tap ~Intercom or use VOX.

4.7.4 Deleting DMC intercom Groups

You can delete a DMC intercom group. You must join the deleted group again after deleting the group, see "Joining DMC intercom Groups" on page 29.

To delete an existing DMC group for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. On your headset, tap ~Intercom.
3. Press ~Intercom for 5 seconds.

To delete an existing DMC group for SMARTH with Cardo headsets through SmartSet:

1. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
2. Open SmartSet and tap :
3. Tap **Group**. The Group Manager appears.
4. Locate your required group and tap .

To delete an existing DMC group for SMARTH with Cardo headsets through the headset voice-assisted menu:

4.7.5 Switching to Bluetooth Intercom

Your SMARTH operates in two intercom modes:

- Bluetooth intercom
- DMC intercom

You use DMC intercom in DMC intercom mode and Bluetooth intercom in Bluetooth intercom mode. The LED indicates your current intercom mode. You must be DMC intercom mode to use DMC intercom features. For other feature, you must be in Bluetooth intercom mode.

To switch from DMC intercom to Bluetooth intercom for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.
2. On your headset, press ~Intercom and ~Audio.

To switch from DMC intercom to Bluetooth intercom for SMARTH with Cardo headsets through SmartSet:

To switch from DMC intercom to Bluetooth Intercom for SMARTH with Cardo headsets through the headset voice-assisted menu:

5. On the Road

5.1 Making and Receiving Phone Calls

You can use your mobile phone normally to make and receive phones while paired to your SMARTH.

5.1.1 Making Phone Calls

To make a phone call using SMARTH with Cardo headsets through the headset buttons:

- with your mobile phone's voice dialing - press ~Phone .
- dialing the default speed dial number - press ~Phone three times.
- redialing the last number called - press ~Phone twice (not available during mobile or Bluetooth intercom calls).

To make a phone call using SMARTH with Cardo headsets through SmartSet:

- In SmartSet, either:
  - tap **Phone** then tap the required speed dial (to define speed dials, see "Configuring Speed Dial Numbers" on page 19).

    or
  - tap **REDIAL**.

To make a phone call using SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on the previous page.

2. Tap ~ and ~Volume Up twice.
3. When the voice-assisted menu reaches "xxx", tap ~Intercom or use VOX.
4. When the voice-assisted menu reaches the required option, tap ~Intercom or use VOX.

5.1.2 Answering Phone Calls

To answer a phone call using SMARTH with Cardo headsets through the headset buttons:

- Tap ~Phone or ~.

To answer a phone call using SMARTH with Cardo headsets through SmartSet:

- In SmartSet, tap xxx.

To answer a phone call using SMARTH with Cardo headsets through VOX:

- Say "xxx" loudly.

5.1.3 Rejecting Phone Calls

To reject a phone call using SMARTH with Cardo headsets through the headset buttons:

- Press ~Phone for 2 seconds.

To reject a phone call using SMARTH with Cardo headsets through SmartSet:

- In SmartSet, tap xxx.

To reject a phone call using SMARTH with Cardo headsets through VOX:

- Remain silent for 30 seconds.

5.1.4 Ending Phone Calls

To end a phone call using SMARTH with Cardo headsets through the headset buttons:

- Tap ~Phone.

To end a phone call using SMARTH with Cardo headsets through SmartSet:

- In SmartSet, tap xxx.

To end a phone call using SMARTH with Cardo headsets through VOX:

- Say "xxx' loudly.

5.1.5 Toggling Between Two Calls on Two Mobile Phones Paired to Your Headset

Your SMARTH can toggle between two calls on two mobile phones when both mobile phones are paired to your headset.

To toggle between two calls on two mobile phones using SMARTH with Cardo headsets through the headset buttons:

- Tap ~Phone twice.

To toggle between two calls on two mobile phones using SMARTH with Cardo headsets through SmartSet:

- In SmartSet, tap xxx.

To toggle between two calls on two mobile phones using SMARTH with Cardo headsets through VOX:

- Say "xxx' loudly.

5.1.6 Disconnecting the Current Call and Switching To The Second Call

You can disconnect the current call and switch to the second phone when both mobile phones are paired to your headset.

To disconnect the current call and switch to the call on the second phone when two mobile phones paired to your headset using SMARTH with Cardo headsets through the headset buttons:

- Tap ~Phone.

To disconnect the current call and switch to the call on the second phone when two mobile phones paired to your headset using SMARTH with Cardo headsets through SmartSet:

- In SmartSet, tap xxx.

To disconnect the current call and switch to the call on the second phone when two mobile phones paired to your headset using SMARTH with Cardo headsets through VOX:

- Say "xxx' loudly.

5.2 Using DMC intercom

You can use DMC intercom to speak with other riders in your DMC group (for more information on creating DMC intercom groups, see "Creating Groups for DMC Intercom" on page 28

"Creating Groups for DMC Intercom" on page 28

- mute/unmute DMC intercom groups, see "Muting DMC intercom Groups" below.
- leave DMC intercom groups, see "Leaving DMC intercom Groups" on page 30.
- delete DMC intercom groups, see "Deleting DMC intercom Groups" on page 31
- stream music in DMC intercom groups, see "Streaming Music in DMC intercom Mode" on the next page
- switch between DMC intercom and Bluetooth intercom, see "Switching to Bluetooth Intercom" on page 31

> You must enable VOX when using DMC intercom. To enable VOX, see "Configuring Your SMARTH Basic Settings" on page 18.

5.2.1 Muting DMC intercom Groups

To mute the DMC group for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

> If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. On your headset, press ~Intercom for 2 seconds.

To mute the DMC group for SMARTH with Cardo headsets through SmartSet:

1. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
2. Open SmartSet and tap the **DMC**
3. Tap **MUTE GROUP**.

To mute the DMC group for SMARTH with Cardo headsets through the headset voice-assisted menu:

> Muting DMC intercom mutes your microphone and speaker.

5.2.2 Unmuting DMC intercom Groups

To unmute the DMC group for SMARTH with Cardo headsets through the headset buttons:

1. Confirm your SMARTH is in DMC intercom mode:
   - Normal battery state - LED flashes green slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

> If your SMARTH is not in DMC intercom mode, press ~Intercom and ~Audio.

2. On your headset, tap ~Intercom.

To unmute the DMC group for SMARTH with Cardo headsets through SmartSet:

1. Make sure that your headset is paired to the mobile device on which SmartSet is installed.
2. Open SmartSet and tap the **DMC**.
3. Tap **MUTE GROUP**.

To unmute the DMC group for SMARTH with Cardo headsets through the headset voice-assisted menu:

5.2.3 Streaming Music in DMC intercom Mode

5.2.3.1 Background Audio Level and Audio Source Priorities

The SMARTH can stream audio from two connected sources simultaneously, so that you can listen to your music or the FM radio while holding a DMC intercom conversation. Background Audio Level is automatically disabled during mobile phone conversations and GPS directions instructions.

By default, Background Audio Level is enabled. See Section 4 - Before You Ride to adjust the settings. If disabled, the SMARTH automatically determines which audio source to play based on the priority of the connected devices.

Priority	Audio Source
Higher Priority	Mobile phone 1, GPS device instructions[1]
	Mobile phone 2, GPS device instructions[1]
↑	Intercom (Click-to-Link/DMC and Bluetooth modes) or A2DP music[2]
	A2DP music or Intercom (Click-to-Link/DMC and Bluetooth modes)[2]
Lower Priority	FM Radio

[1]Phone calls and GPS temporarily mute DMC intercom, but group members remain part of the DMC intercom group.

[2]Depends on your A2DP/IC Priority setting, as configured in SmartSet (see "Configuring Your SMARTH through Cardo SmartSet" on page 17).

- Intercom modes all have the same priority, so ongoing intercom calls will not be interrupted by any other intercom call.
- Bluetooth intercom and Click-to-Link calls have the same priority, so Click-to-Link calls will not interrupt any Bluetooth intercom call in progress, and vice versa.
- In DMC intercom, if no group member is speaking and music is playing, the music volume automatically increases. When a DMC intercom group member speaks, the music volume automatically reduces.

5.3 Making and Receiving Bluetooth Intercom Calls

- To make and receive Bluetooth intercom calls, you must first pair the Bluetooth, see "Pairing the Bluetooth Intercom" on page 11.
- During a 3 or 4-way Bluetooth intercom conference call while riders are range (1.2 km / 3,900 ft), riders using both Bluetooth intercom channels cannot receive phone calls or GPS instructions while the call is in progress. For more information see, "Making and Receiving Bluetooth Intercom Calls" above.
- If DMC intercom is active while making or receiving a phone call, DMC intercom automatically resumes after the call ends.

To start a Bluetooth intercom call, do one of the following:

- If a single rider (A or B) is connected, a Bluetooth intercom call is opened to the connected rider.
- If riders A and B are connected, a Bluetooth intercom conference call is opened with Riders A and B.

- To use the headset buttons :
  - To start a call with rider A or add rider A to a call, tap ~.
  - To start a call with rider B or add rider B to a call, tap ~ twice.
  - To start a conference call with riders A and B, press ~ for two seconds.
- Use VOX. If you are paired and connected (within range), a Bluetooth intercom call with riders A, B or A+B is started.
- To use SmartSet: On the **INTERCOM** screen, select the required channel (A, B, or A+B).
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Call Intercom", tap ~ or use VOX.

To end a Bluetooth intercom call, do one of the following:

- To use the headset buttons:
  - To disconnect rider A, tap ~.
  - To disconnect rider B, tap ~ twice.
  - To end all active Bluetooth intercom connections, press ~ for 2 seconds.
- If you initiated the Bluetooth intercom call using VOX: remain silent for at least 30 seconds. Any open call is disconnected.
- To use SmartSet: On the **INTERCOM** screen, select the required channel to disconnect.

5.3.1 Receiving Bluetooth Intercom Calls

- If another paired headset calls you via Bluetooth intercom, the call begins instantly.
- To receive Bluetooth intercom calls from unpaired headsets, see "Click-To-Link Calls" below.

5.3.2 Bluetooth Intercom Busy Signal

A busy signal is heard when you attempt a Bluetooth intercom call when the other rider is in:

- phone call
- Bluetooth intercom call with Channels A and B
- One+8 intercom call
- Click-to-Link call

5.3.3 Click-To-Link Calls

Click-to-Link is a spontaneous way to instantly initiate one-on-one intercom calls with other riders near you, without being paired.

If other Cardo users are nearby, your next Click-to-Link call may randomly connect to any of them.

To make a Click-to-Link call through SmartSet:

1. Open SmartSet and tap **Intercom**.
2. Tap **CLICK TO LINK**.

To end a Click-to-Link call through the headset buttons:

- Tap ~.

To end a Click-to-Link call through VOX:

- Remain silent for at least 30 seconds. Any open intercom call to a single rider (A, B or C) is disconnected.

5.3.3.1 Incoming Click-to-Link Intercom Calls

To block incoming Click-to-Link calls, disable Click-to-Link (see "Before You Ride" on page 16).

To accept a Click-to-Link call through the headset buttons:

- Tap ~.

To reject a Click-to-Link call through the headset buttons:

- Press ~ for 2 seconds.

To accept a Click-to-Link call through VOX:

- Say a word loudly.

5.4 Making and Receiving One+8 Intercom Calls

5.4.1.1 Making One+8 Intercom Calls

To make an One+8 Intercom call using SMARTH with Cardo headsets through the headset buttons:

1. Change to One+1 Mode
2. Press ~Intercom and ~Volume Up for 2 seconds.
3. When you hear the name of your desired buddy, tap ~Intercom. Your buddy connects.

To make an One+8 Intercom call using SMARTH with Cardo headsets through SmartSet:

- To use SmartSet:

To make a phone call using SMARTH with Cardo headsets through the headset voice-assisted menu:

1. Confirm your SMARTH is in Bluetooth intercom mode:
   - Normal battery state - LED flashes blue slowly.
   - Low battery state - LED flashes red slowly.
   - Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

2. When the voice-assisted menu reaches "xxx", tap ~Intercom or use VOX.
3. When the voice-assisted menu reaches your buddy's name "Language"), tap ~Intercom or use VOX.

5.4.1.2 Receiving One+8 Intercom Calls

To make an One+8 Intercom call using SMARTH with Cardo headsets through the headset buttons:

To make an One+8 Intercom call using SMARTH with Cardo headsets through SmartSet:

To make a phone call using SMARTH with Cardo headsets through the headset voice-assisted menu:

- To use SmartSet:
- To use the headset voice-assisted menu:

5.4.1.3 Ending One+8 intercom call

To make an One+8 Intercom call using SMARTH with Cardo headsets through the headset buttons:

To make an One+8 Intercom call using SMARTH with Cardo headsets through SmartSet:

To make a phone call using SMARTH with Cardo headsets through the headset voice-assisted menu:

5.5 Listening to Music and Radio

5.5.1 Listening to Music

You can mute the DMC intercom while listening to the music by pressing ~Intercom for 2 seconds. Unmute DMC intercom by pressing ~Intercom

To start music streaming from your paired device, do one of the following:

- To use the headset buttons: tap ~Audio.
- To use SmartSet: on the **MUSIC** screen, tap .
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Music On", tap ~ or use VOX.

Music streaming plays in the background during an active DMC intercom call.

To stop music streaming from your paired device, do one of the following:

- To use the headset buttons: press ~Intercom for 2 seconds.
- To use SmartSet: on the **MUSIC** screen, tap .
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Music Off", tap ~ or use VOX.

To skip to the next track (while streaming music):

- To use the headset buttons: tap ~Audio.
- To use SmartSet: on the **MUSIC** screen, tap .
- To use the headset voice-assisted menu:

a. Tap ~ and ~Volume Up twice.

b. When the voice-assisted menu reaches "Next Track", tap ~ or use VOX.

To skip to the previous track (while streaming music):

- To use the headset buttons: tap ~Audio twice.
- To use SmartSet: on the **MUSIC** screen, tap .
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Precious Track", tap ~ or use VOX.

To forward auto scan tracks (while streaming music) and then play your desired track:

- To use the headset buttons:
  a. Press ~Phone and ~Volume Up. Forward scan plays a few seconds of each track.
  b. When you hear a track you want to play, tap ~Audio.
- To use SmartSet:
  a. On the **MUSIC** screen, under **MUSIC SCAN**, tap . Forward scan plays a few seconds of each track.
  b. When you hear a track you want to play, on the **MUSIC** screen, under **MUSIC SCAN**, tap .
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Scan tracks up", tap ~ or use VOX.

To backward auto scan tracks (while streaming music) and then play your desired track:

- To use the headset buttons:
  a. Press ~Phone and ~Volume Down. Backward scan plays a few seconds of each track.
  b. When you hear a track you want to play, tap ~Audio.
- To use SmartSet:
  a. On the **MUSIC** screen, under **MUSIC SCAN**, tap . Backward scan plays a few seconds of each track.
  b. When you hear a track you want to play, on the **MUSIC** screen, under **MUSIC SCAN**, tap .
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Scan tracks down", tap ~
  c. When you hear a track you want to play, use VOX.

5.5.1.1 Switching Music Sources

If two A2DP audio sources are paired, SMARTH uses the A2DP audio sources from which you last played music.

To switch to the other audio source:

1. Stop A2DP playback from the current device (see " Listening to Music" on page 38).
2. Start A2DP streaming from the other device (see " Listening to Music" on page 38).

SMARTH automatically remembers your last played device.

5.5.2 Listening to FM Radio

You can mute the DMC intercom while listening to the FM radio by pressing ~Intercom for 2 seconds. Unmute DMC intercom by pressing ~Intercom

To turn on the FM radio, do one of the following:

When you switch on your FM radio, the station that was playing when you last switched off resumes playing.

- To use the headset buttons: tap and ~Audio twice.
- To use SmartSet: on the **FM** screen, tap the On/Off button.
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Radio On", tap ~ or use VOX.

To turn the FM radio off, do one of the following:

- To use the headset buttons: press ~Audio for 2 seconds.
- To use SmartSet: on the **FM** screen, tap the On/Off button.
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Radio Off", tap ~ or use VOX.

To play a different preset station:

- To use the headset buttons, do one of the following:
  - tap ~Audio for the next preset
  - tap ~Audio twice for the previous preset
- To use SmartSet: On the **FM** screen, tap the desired preset.

To seek the next available station:

- To use SmartSet: On the **FM** screen, do one of the following:
  - tap .
  - tap .
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Next Station", tap ~ or use VOX.

To auto scan available stations and select your desired station:

- To use the headset buttons:

a. Tap ~Phone and ~Volume Up. The FM radio plays each station that it finds for several seconds.

b. When you hear a track you want to play, tap ~Audio.

- To use SmartSet:
- To use the headset voice-assisted menu:

a. Tap ~ and ~Volume Up twice.

b. When the voice-assisted menu reaches "Previous Station", tap ~ or use VOX.

c. When you hear a track you want to play, use VOX.

To store a scanned station in the active preset:

- To use the headset buttons: tap ~Audio within 20 seconds of stopping the scan.
- Use VOX.

> To set all presets efficiently using SmartSet, see "To configure the six FM radio preset radio stations manually:" on page 20
>
> To set all presets efficiently using Cardo Community, see Configuring Your FM Radio Using Auto Tuning

Temporarily Storing New FM Radio Preset Stations Using Auto Tuning

You can temporarily store new FM radio stations in the presets using auto tuning. You can restore the original presets.

To temporarily store new stations in the presets (auto tuning):

- To use the headset buttons: press ~Volume Down for 5 seconds.
- To use SmartSet: on the **FM** screen, tap **AUTO TUNING**.
- To use the headset voice-assisted menu:

a. Tap ~ and ~Volume Up twice.

b. When the voice-assisted menu reaches "Auto scan 6 stations", tap ~ or use VOX.

To restore the original presets (following auto tuning):

- To use the headset buttons: switch your headset off then turn it back on.
- To use SmartSet: on the **FM** screen, tap .

5.5.3 Sharing Music and Radio

> You cannot share music in DMC intercom mode.

You can share music and FM radio with other riders/passengers. Music can be shared up to a range of 33 ft / 10m, and is more suitable for rider/passenger combinations. FM radio can be shared up to a range of 4250 ft / 1300 m, and can also be used for rider/rider scenarios.

To start/stop sharing, do one of the following:

- To use the headset buttons:

a. Confirm your SMARTH is in Bluetooth intercom mode:

* Normal battery state - LED flashes blue slowly.
* Low battery state - LED flashes red slowly.

* Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

a. Start playing music over A2DP (see " Listening to Music" on page 38) or the FM radio (see "Listening to FM Radio" on page 40).

b. Pair the Bluetooth intercom on Channel A or B. (If you do not pair with a channel, Channel A is automatically paired by default.)

c. Tap ~Volume Down.

- To use SmartSet:

a. Confirm your SMARTH is in Bluetooth intercom mode:

* Normal battery state - LED flashes blue slowly.

* Low battery state - LED flashes red slowly.

* Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

a. Either:

* on the **MUSIC** screen, tap **MUSIC SHARING**

or

* on the **FM** screen, tap **FM SHARING**.

a. Tap ~Volume Down.

- To use the headset voice-assisted menu:

a. Confirm your SMARTH is in Bluetooth intercom mode:

* Normal battery state - LED flashes blue slowly.

* Low battery state - LED flashes red slowly.

* Charging - LED flashes purple slowly.

If your SMARTH is not in Bluetooth intercom mode, press ~Intercom and ~Audio. For more information see, "Switching to Bluetooth Intercom" on page 31.

a. Tap ~ and ~Volume Up twice.

b. When the voice-assisted menu reaches:

* "Start Music Sharing" / "Stop Music Sharing", tap ~ or use VOX.

or

* "Start Radio Sharing" / "Stop Radio Sharing", tap ~ or use VOX.

- Phone and GPS audio navigation temporarily mute music playback.
- GPS audio navigation temporarily mutes phone.
- GPS audio navigation reduces Bluetooth intercom and music playback volume, but Bluetooth intercom and music are not muted.
- You hear Bluetooth intercom calls in the background during music sharing.
- Music sharing does not transmit voice audio and cannot be used as a Bluetooth intercom call.
- If you paired your headset to two mobile phones, music will be shared from the mobile phone through which you last played music.
- When sharing FM radio, either rider can change station.

5.5.4 Audio Source Priorities

SMARTH automatically determines which audio source to play through the speakers based on the following priority:

Priority	Audio Source
Higher Priority ↑ Lower Priority	Mobile phone 1, GPS device instructions[1] Mobile phone 2, GPS device instructions[1] Intercom (Click-to-Link/DMC and Bluetooth modes) or A2DP music[2] A2DP music or Intercom (Click-to-Link/DMC and Bluetooth modes)[2] FM Radio

[1]Phone calls and GPS temporarily mute DMC intercom, but group members remain part of the DMC intercom group.

[2]Depends on your A2DP/IC Priority setting, as configured in SmartSet (see "Configuring Your SMARTH through Cardo SmartSet" on page 17).

- Intercom modes all have the same priority, so ongoing intercom calls will not be interrupted by any other intercom call.
- Bluetooth intercom and Click-to-Link calls have the same priority, so Click-to-Link calls will not interrupt any Bluetooth intercom call in progress, and vice versa.
- In DMC intercom, if no group member is speaking and music is playing, the music volume automatically increases. When a DMC intercom group member speaks, the music volume automatically reduces.

6. Troubleshooting

6.1 Soft Reset

If your SMARTH stops responding, reset it by either:

- Turning it off and then on again (see "Switching Your Headset On/Off" on page 8
- Connecting the USB cable Type A plug to either the wall charger supplied with your SMARTH, or to a computer USB port.

6.2 Reset Pairing

To reset pairing:

- Press ~Intercom and ~Phone for 5 seconds.

6.3 Reset to Factory Settings

This option deletes all paired devices and all configuration settings.

To perform a factory reset through the headset, do one of the following:

- To use the headset buttons:
  a. Check that your SMARTH is in Standby (see "Features and System Modes" on page 1).
  b. Simultaneously press ~+~Volume Up+~Volume Down for 5 seconds
- To use SmartSet:
  a. Check that your SMARTH is in Standby (see "Modes and Events SMARTH" on page 1).
  b. Open SmartSet and tap .
  c. Tap **Settings**.
  d. Tap **Reset to Factory**.
- To use the headset voice-assisted menu:
  a. Tap ~ and ~Volume Up twice.
  b. When the voice-assisted menu reaches "Advanced features menu", tap ~ or use VOX.
  c. When the voice-assisted menu reaches "Reset to factory settings", tap ~ or use VOX.

6.4 FAQ

Additional answers to common problems can be found at www.cardosystems.com/faqs.

7. Support

For additional information:

: www.cardosystems.com

* **support@cardosystems.com**

(USA and Canada: 1-800-488-0363 / International: +49 89 450 36819

Multinational E-commerce companies and online auction websites are not authorized to sell Cardo products and purchases from such sites are at your own risk. To receive warranty or customer service, you must submit original receipts from authorized Cardo dealers.

Products that were imported from North America must be serviced in the USA.

8. Glossary

Term/Abbreviation	Description
A2DP	Advanced Audio Distribution Profile (Bluetooth profile)
AGC	Automatic Gain Control
AGC sensitivity for the speakers	Automatic Gain Control allowing the automatic adjustment of volume according to ambient noise and riding speed.
Audio priority (A2DP/Bluetooth intercom/ DMC intercom)	Priority of audio source playing through speakers and preventing current intercom call from interruption.
Background Audio Level	xxx.
Click-to-Link settings	Spontaneous way to instantly initiate one-on-one intercom calls with other riders near you, without being paired.
FM Band	If you are in Japan, select Japan. Otherwise, select Worldwide.
IC	Intercom
Intercom Mode (DMC/Bluetooth)	DMC intercom and Bluetooth intercom.
Intercom-to-Phone	Automatically divert intercom calls to mobile calls.
Language	Voice-assisted menu language.
RDS	Radio Data System allows the radio to automatically retune to the strongest frequency available for the FM station you are listening to when the signal becomes too weak
Speed dial numbers	Pre-set phone numbers for automatic dialing.
FM radio presets	Pre-set FM radio stations for automatic tuning.
Spoken Status Announcements	Voice announcements so you always know to whom or to what device you are connected.
VOX	Voice Operated Control
VOX operation	Hands-free operation using a voice activity director.
VOX sensitivity for the microphone	Automatically adjusts the level of ambient noise for your microphone while you riding.

Appendix A. Modes and Events SMARTH

The features you can use at any given moment depend on SMARTH's current mode, as indicated by the headset LEDs.

The following table shows LED indications for modes and events according to the current battery state.

LED	Flashing	Battery State	Mode or Event
Off	Off	Normal or Low Battery	• Off
Green	Fast three times (repeating every 1 second)	Normal or Low Battery	• Active DMC intercom call
Green	Fast (repeating)	Normal or Low Battery	• Pairing DMC intercom
Green	For 2 seconds	Charging	• Rider C connected
Blue	For 2 seconds	Normal or Low Battery	• Rider B connected • Set VOX to enabled
Blue	Fast (3 times)	Normal or Low Battery	• Power on
Blue	Fast (repeating fast)	Normal or Low Battery	• Pairing intercom rider B
Blue	Fast (repeating every 3 seconds)	Normal	• Active mobile call, voice via mobile • Standby
Blue	Slow twice (repeating slow, every 3 seconds)	Normal	• Incoming/outgoing call (intercom or mobile) • Audio active (intercom, FM, A2DP, GPS, Feature/Settings menu)
Red	For 2 seconds	Normal or Low Battery	• DMC intercom pairing failed
Red	Remains on	Charging	• Rider A connected • Pairing intercom rider A • Power off • Off
Red	For 2 seconds	Normal or Low Battery	• Rider A connected • Set VOX to disabled
Red	Fast (3 times)	Normal or Low Battery	• Power off
Red	Fast (repeating fast)	Normal or Low Battery	• Pairing intercom rider A
Red	Fast (repeating slow, every 3 seconds)	Low Battery	• Active mobile call, voice via mobile • Standby DMC intercom
Red	Slow twice (repeating slow, every 3 seconds)	Low Battery	• Incoming/outgoing call (intercom ormobile) • Audio active (intercom, FM, A2DP, GPS, Feature/Settings menu)
Purple	Slow (5 times)	Normal or Low Battery	• Reset pairing

LED	Flashing	Battery State	Mode or Event
Purple	For 2 seconds	Normal or Low Battery	• Mobile pairing successful • Mobile connected • IC pairing successful
Purple	For 2 seconds	Charging	• Mobile pairing successful • Mobile connected • Rider B connected • Intercom pairing successful • Set VOX to enabled • Set VOX to disabled
Purple	Fast (3 times)	Charging	• Power on
Purple	Fast (repeating fast)	Normal or Low Battery	• Click-to-Link
Yellow	For 2 seconds	Normal or Low Battery	• Rider C connected • DMC intercom pairing successful
Yellow	Fast (repeating)	Normal, Low Battery, or Charging	• Incoming/outgoing Click-to-Link
Orange	Fast (repeating fast)	Normal, Low Battery, or Charging	• DMC intercom Grouping
Orange	Fast (repeating slow)	Normal or Charging	• DMC intercom Active mobile call, voice via mobile • DMC intercom Standby
Orange	Slow twice (repeating slow, every 3 seconds)	Normal or Charging	• DMC intercom Incoming/outgoing call (intercom or mobile) • DMC intercom Audio active (intercom, FM, A2DP, GPS, Feature/Settings menu)
Purple/Red	Fast purple and then red for 3 seconds (repeating)	Charging	• Active mobile call, voice via mobile • Standby
Purple/Red	Slow purple, fast red, slow purple, and then red for 3 seconds (repeating)	Charging	• Incoming/outgoing call (intercom or mobile) • Audio active (intercom, FM, A2DP, GPS, Feature/Settings menu)
Purple/Red	Alternating slow (5 times)	Charging	• Reset pairing
Purple/Red	Alternating slow (repeating)	Normal, Low Battery, or Charging	• Pairing GPS
Purple/Red	Alternating fast (repeating)	Charging	• Pairing intercom rider B
Blue/Red	Alternating fast (repeating)	Normal, Low Battery, or Charging	• Pairing Mobile

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105 (b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause interference and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC/IC multi-transmitter product procedures.

Instructions concerning human exposure to radio frequency electromagnetic fields - to comply with FCC Section 1.310 for human exposure to radio frequency electromagnetic fields, while using the equipment it should be mounted on helmet. a distance of at least 2 cm. between the equipment and all persons should be maintained during the operation of the equipment.

Industry Canada (IC) FVIN: V1.0.0

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference and

2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes :(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

IC RF Radiation Exposure Statement:

This equipment complies with the RSS-102 exemption from routine RF exposure evaluation for use in an uncontrolled environment.

European CE Notice

Your Cardo product (the "Product") is in conformity with the following essential requirements of Council Directive 1999/5/EC (referred to as R&TTE Directive): Articles 3.1a, 3.1.b and 3.2. The Product is manufactured in accordance with Annex II of the above directive.

Operating temperature: The Product is designed to work in temperatures between -20° and 55° C (-4° and 131° F).

Charging temperature: Battery charging temperature limits: 0° - 45°C (32°-113°F)

AC/DC Adapters: When charging from a wall outlet, make sure that the plug-in AC/DC adapter meets the following criteria:

Input: 100-240 V, 50/60 Hz, 0.2 A maximum Output: 5 V DC, 1 A maximum.

Declaration of Conformity (DOC)

The Product is compliant with and adopts the Bluetooth® Specification 4.0 and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®-enabled products is not guaranteed.

Copyright

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WARNING:

You are hereby notified that your complete and undivided attention is required when using a communication device (the "Product") while riding. Failure to avoid potentially hazardous situations could result in accident resulting in serious injury or death.

Cardo advises you to take all necessary precautions and remain alert to the traffic, weather and all road conditions. Do not perform pairing, linking or any complex operations while riding. All publications are intended to address technical capabilities and should not be construed as encouraging the operation of Cardo's Products in any manner that is unsafe or prohibited by law.

Exercise all due caution while using this Product and obey all applicable traffic laws. Always ride and use the Product in a safe manner and do not become distracted by the Product while riding. Do not operate the Product if it becomes unsafe to do so.

In some regions or states, the use of mobile communications systems is prohibited or restricted. Check all local, state and federal laws and regulations (the "Laws") that apply to your region before using the Product and be mindful that compliance with all Laws is the user's responsibility. Use the Product in motion only where and in the manner that such devices are permitted by applicable Law.

No part of the body should come in contact with the antenna during operation of the equipment. Use Product only where safe, and avoid usage at gas stations, fuel depots or around explosives. Use with hearing aids and medical devices only after consulting a physician or specialist. Make sure to install and mount the Product in a stable manner.

Health Warnings:

Hearing Loss: Audio devices can cause hearing loss. Employ care and avoid exposure to excessive volume levels that may damage or impair hearing or lead to hearing loss. Permanent hearing loss may occur if Products are used at high volume for prolonged periods.

RF Signals: Most electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals emanating from your wireless equipment.

Pacemakers: The Health Industry Manufacturers Association recommends that a minimum separation of about six inches (or 16 cm) to be maintained between a mobile phone or wireless device and a pacemaker to avoid potential interference with the pacemaker. Be sure not to interfere with the functionality of personal medical devices.

Hearing Aids: Some devices may interfere with certain hearing aids. In the event of such interference, you should consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices: If you use any other personal medical device, consult the manufacturer of your device and/ or your physician to determine if it is adequately shielded from interference caused by external RF energy. Your physician may be able to assist you in obtaining this information.

LIMITED WARRANTY

Subject to the applicable laws and regulations in your jurisdiction, your Product is covered by a Two-Year Limited product warranty from the date of original purchase. Please retain and submit the retail sales receipt and your registration data for proof of purchase.

In no event shall Cardo be liable for any incidental, special, indirect, punitive, exemplary or consequential damages, whether resulting from the use, misuse, or inability to use this product or from defects in the product, or for any damages whatsoever resulting from the use of the product, whether based on breach of contract, tort (including negligence), product liability or otherwise even if advised of the possibility of such damages. You acknowledge and agree that the limitations set forth above are fundamental elements of this agreement to which you consent and without which the product would not be provided to you absent such limitations. Cardo retains the exclusive right to repair or replace (with a new or newly-refurbished replacement Product) the device or software or give a refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

Subject to the aforementioned, Cardo hereby represents that this Product is warranted to be free from defects in materials or workmanship. Within the subject period, Cardo will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacements will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any shipping cost and applicable fees to any official authorities. This warranty does not cover failures due to abuse, misuse, accident, loss or unauthorized alteration or repairs.

This Product is intended to be used only as a communication and entertainment device and should not be employed in any location or jurisdiction where its use is prohibited.

The warranties and remedies contained herein are exclusive and in lieu of all other warranties express, implied or statutory, including any liability arising under any warranty of merchantibility or fitness for a particular purpose, statutory or otherwise that Cardo specifically disclaims. This warranty gives you specific legal rights which may vary from jurisdiction to jurisdiction. Cardo makes no other warranties express or implied beyond those stated specifically herein. This warranty is extended by Cardo solely to the original purchaser and is not assignable or transferable to others. Cardo assumes no obligation or liability for additions or modifications to this warranty unless made in writing and signed by an officer of the company.

Batteries are warranted only if the battery capacity falls below 50% of rated capacity or if the battery develops leakage. Do not store your Product without charging it from time to time for periods in excess of six months, as this may cause irreversible damage to the capacity of your battery. Your warranty will not cover such events.

This warranty also becomes void if: a) Any of the seals on the case or battery are broken or Product or battery show signs of tampering, b) the battery is used in equipment other than the equipment for which it was intended. c) the Product is used in contravention of its intended purpose. d) the Product was purchased from online auctions

Cardo assumes no responsibility resulting from the use of non-Cardo components, accessories or devices in conjunction with its Products.

Caution: Do not tamper with batteries as there are risk of explosion if battery is replaced by an incorrect type.

Not covered by the warranty:

1. Defects or damage resulting from the use of this Product in other than its normal and customary manner.
2. Defects or damage from misuse, accident or neglect.

3. Defects caused by improper operation, maintenance, installation, adjustment or modification of any kind (incl. long-term storage without periodic charging of the battery)
4. Products opened, disassembled or repaired by non-authorized parties.
5. Defects or damage due to exposure to excessive temperatures, adverse weather conditions, external impacts or spills of food or liquid.
6. All plastic surfaces and all other externally exposed parts that are scratched or damaged after purchase.

Disclaimer of Warranty

The device and its accessories are provided “as is” and “as available” without warranty of any kind beyond those assumed in the enclosed manual.

Warranty Service

To obtain warranty service, please present the Product, along with your registration number, bill of sale (receipt) at any authorized Service Center or at the store from which you have purchased the Product. To obtain warranty service, contact Cardo’s product support and obtain an RMA tracking number, or contact your local Cardo authorized dealer. Ship securely with a copy of the original sales receipt which is required as proof of purchase for warranty repairs. The RMA tracking number should be written on the outside of the package. Send the Product freight charges prepaid, to the Cardo address as directed by Cardo.

Online Auction Purchases: Online auction confirmations are not accepted for warranty verification. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required. Cardo will not replace missing components from online auction sites.

WAIVER AND GENERAL RELEASE

By using the Product, you will waive substantial legal rights including the right to sue. Please read the following carefully before using the Product.

By using the Product, you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys fees) and holding Cardo harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Product under any circumstances or conditions and irrespective of jurisdiction.

1. You, your heirs, legal representatives, successors or assigns, hereby voluntarily and forever release, discharge, indemnify and hold harmless Cardo from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Product for any distress, pain, suffering, discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.
2. You fully understand and assume the risks in using the Product, including risk of negligent acts or omissions by others. All risks for operating the Product are assumed solely by the user of the Product.
3. You confirm that you are physically capable to use the Product and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You further confirm that you will not consume any alcohol that may affect your alertness or any mind-altering substance, and will not carry, use or consume these substances before or during the use of the Product.
4. You fully acknowledge our warnings and understand that:
    a. risks exist in using the Product while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability;
    b. these risks may be caused by the negligence of the manufacturers or its agents or any third party involved in the Product;

c. these risks and dangers may arise from foreseeable or unforeseeable causes.

You hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of others, including Cardo.

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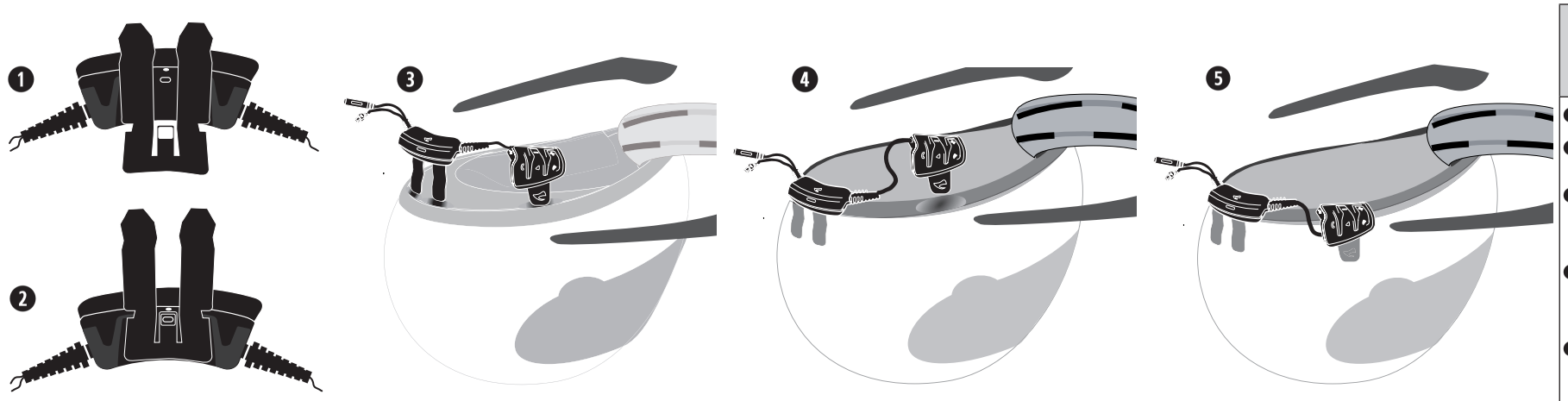


EN | MOUNTING THE HEADSET AND BACK UNIT ON THE HELMET

1. Insert the clamp in the back unit.
2. Position the back unit at the rear of the helmet.
3. Insert the back unit clamp between the helmet shell and liner and then push all the way in.
4. Insert the headset clamp between the helmet shell and padding and then push all the way in.
5. Insert the wires connecting the headset to the back unit between the helmet shell and liner.

DE | MONTAGE DES HEADSETS UND RÜCKENHEITHEIT AM HELM

1. Fügen Sie die Zwinge in die hintere Einheit ein.
2. Platzieren Sie die hintere Einheit an der Rückseite des Helms.
3. Fügen Sie die Zwinge der hinteren Einheit zwischen der Helmschale und dem Futter ein und drücken Sie sie vollständig hinein.
4. Die Zwinge des Headsets zwischen Helmschale und Polsterung einfügen und komplett hineindrücken.
5. Fügen Sie die Kabel ein, welche das Headset an die hintere Einheit zwischen Helmschale und Futter anschließen.

FR | MISE EN PLACE DES ÉCOUTEURS ET DE L'UNITÉ DE BASE AU CASQUE

1. Attachez la pince à l'unité de base
2. Positionnez l'unité de base sur l'arrière du casque.
3. Insérez la prise d'attache de l'unité de base entre la coque et le doublage du casque et enfoncez entièrement.
4. Insérez la prise d'attache des écouteurs entre la coque et le doublage du casque et enfoncez entièrement.
5. Attachez les câbles de connexion des écouteurs à l'unité de base entre la coque et le doublage du casque.

IT | MONTAGGIO DEL DISPOSITIVO E DELL'UNITÀ POSTERIORE SUL CASCO

1. Inserire il morsetto nell'unità posteriore.
2. Posizionare l'unità posteriore sulla parte posteriore del casco.
3. Inserire il morsetto dell'unità posteriore fra la calotta del casco e il rivestimento e poi premere fino in fondo.
4. Inserire il morsetto del casco fra la calotta del casco e l'imbottitura e poi premere fino in fondo.
5. Inserire i cavi che collegano il dispositivo all'unità posteriore fra la calotta del casco e il rivestimento.

ES | MONTAJE DEL INTERCOMUNICADOR Y LA UNIDAD POSTERIOR EN EL CASCO

1. Inserte el sujetador en la unidad posterior.
2. Coloque la unidad posterior en su lugar en la parte de atrás del casco.
3. Inserte el sujetador de la unidad posterior entre la carcasa y el revestimiento del casco y luego empújelo hasta el fondo.
4. Inserte el sujetador del intercomunicador entre la carcasa y el acolchado del casco y luego empújelo hasta el fondo .
5. Inserte los cables que conectan al intercomunicador con la unidad posterior entre la carcasa y el revestimiento del casco.

PT | INSTALAÇÃO DO FONE DE OUVIDO E DA UNIDADE DE SUPORTE NO CAPACETE

1. Insira o adaptador na unidade de suporte.
2. Posicione a unidade de suporte na parte traseira do capacete.
3. Insira o grampo da unidade de suporte entre a casca e a forração do capacete e empurre.
4. Insira o grampo do fone de ouvido entre a casca e a forração do capacete e empurre.
5. Insira os fios que conectam o fone de ouvido à unidade de suporte entre a casca e a forração do capacete.

NL | DE HEADSET EN BACKUNIT OP DE HELM MONTEREN

1. Schuif de klem in de backunit.
2. Plaats de backunit aan de achterkant van de helm.
3. Plaats de klem van de backunit tussen de helmschaal en voering en duw deze helemaal naar binnen.
4. Plaats de klem van de headset tussen de helmschaal en voering en duw deze helemaal naar binnen.
5. Plaats de draden die de headset met de backunit verbinden tussen de helmschaal en voering.

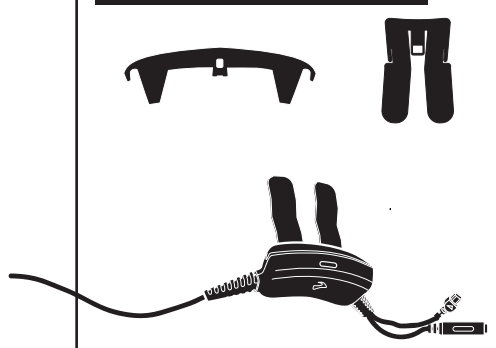
RU | УСТАНОВКА ГАРНИТУРЫ И ЗАДНЕГО БЛОКА НА ШЛЕМ

1. Установите на задний блок зажим для шлема
2. Расположите задний блок с задней стороны шлема.
3. Установите зажим заднего блока между оболочкой шлема и подшлемником. Затем вставьте зажим до упора.
4. Установите зажим гарнитуры между оболочкой и подкладкой шлема. Затем вставьте зажим до упора.
5. Проложите соединяющие гарнитуру и задний блок провода между оболочкой шлема и подшлемником.

SV | MONTERING AV HEADSETET OCH NACKENHETEN

1. För in klämman i nackenheten.
2. Placera nackenheten på baksidan av hjälmen
3. För in nackenhetens klämma mellan hjälmens skal och fodring och tryck den hela vägen in.
4. För in headsetets klämma mellan hjälmens skal och fodring och tryck den hela vägen in.
5. Sätt i kablarna som ansluter headsetet till nackenheten mellan hjälmens skal och fodring.

ONLY FOR CL-17 TYPE HELMET



EN | ADAPTING THE BACK UNIT FOR CL-17 HELMET

1. Using a pen, release the catch securing the clamp to the back unit.
2. Slide the clamp out.
3. Using a pen, release the catch securing the adapter to the back unit.
4. Remove the existing adapter from the back unit.
5. Insert the CL-17 adapter in the back unit.
6. Insert the CL-17 clamp in the back unit.

DE | HINTERE EINHEIT FÜR CL-17-HELM ANPASSEN

1. Lösen Sie mittels eines Kugelschreibers die Sperre, welche die Zwinge an der hinteren Einheit sichert.
2. Schieben Sie die Zwinge heraus.
3. Lösen Sie mittels eines Kugelschreibers die Sperre, welche den Adapter an der hinteren Einheit sichert.
4. Entfernen Sie den vorhandenen Adapter von der hinteren Einheit.
5. Fügen Sie den CL-17-Adapter in die hintere Einheit ein.
6. Fügen Sie die CL-17-Zwinge in die hintere Einheit ein.

FR | ADAPTER L'UNITÉ DE BASE AUX CASQUES CL-17

1. Ouvrez la prise d'attache de la pince de l'unité de base avec un stylo.
2. Détachez la pince.
3. Ouvrez la prise d'attache de l'adaptateur de l'unité de base avec un stylo
4. Détachez l'adaptateur fournis de l'unité de base.
5. Attachez l'adaptateur CL-17 à l'unité de base.
6. Attachez la pince CL-17 à l'unité de base.

IT | ADATTAMENTO DELL'UNITÀ POSTERIORE PER CASCO CL-17

1. Usando una penna, staccare il gancio che assicura il morsetto all'unità posteriore.
2. Fare scivolare fuori il morsetto.
3. Usando una penna, staccare il gancio che assicura l'adattatore all'unità posteriore.
4. Rimuovere l'adattatore esistente dall'unità posteriore.
5. Inserire l'adattatore del CL-17 nell'unità posteriore.
6. Inserire il morsetto del CL-17 nell'unità posteriore.

ES | ADAPTACIÓ DE LA UNIDAD POSTERIOR AL CASCO CL-17

1. Con un lapicero, abra el cierre que asegura el sujetador a la unidad posterior.
2. Deslice el sujetador hacia afuera.
3. Con un lapicero, abra el cierre que asegura el adaptador a la unidad posterior.
4. Retire el adaptador existente de la unidad posterior.
5. Inserte el adaptador para CL-17 en la unidad posterior.
6. Inserte el sujetador para CL-17 en la unidad posterior.

PT | COMO ADAPTAR A UNIDADE DE SUPORTE EM CAPACETES CL-17

1. Com o auxílio de uma caneta libere a presilha que prende o grampo na unidade de suporte.
2. Deslize o grampo para fora.
3. Com o auxílio da caneta libere a presilha que prende o adaptador à unidade de suporte.
4. Remova o adaptador existente da unidade de suporte.
5. Insira o adaptador do CL-17 na unidade de suporte. 6 Insira o grampo do CL-17 na unidade de suporte.

NL | DE BACKUNIT VOOR DE CL-17 HELM AANPASSEN

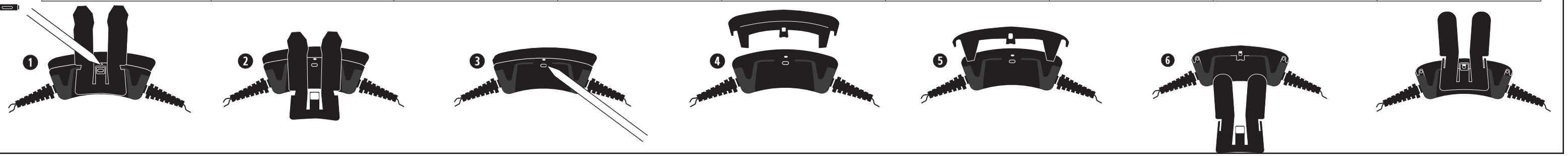
1. Maak met een pen de grendel los die de klem tegen de backunit houdt.
2. Schuif de klem naar buiten.
3. Maak met een pen de grendel los die de adapter tegen de backunit houdt.
4. Verwijder de bestaande adapter uit de backunit.
5. Schuif de CL-17 adapter in de backunit.
6. Schuif de CL-17 klem in de backunit.

RU | УСТАНОВКА ПЕРЕХОДНИКА НА ЗАДНИЙ БЛОК ДЛЯ ШЛЕМА CL-17

1. Используя ручку, расстегните защёлку, прикрепляющую зажим к заднему блоку.
2. Выньте зажим.
3. Используя ручку, расстегните защёлку, прикрепляющую переходник к заднему блоку.
4. Снимите переходник, установленный на заднем блоке.
5. Установите на задний блок переходник для шлема CL-17.
6. Установите на задний блок зажим для шлема CL-17.

SV | ANPASSNING AV NACKENHETEN FÖR CL-17-HJÄLMEN

1. Lossa med hjälp av en penna haken som säkrar klämman vid nackenheten.
2. Dra ut klämman.
3. Lossa med hjälp av en penna haken som säkrar adaptern vid nackenheten.
4. Ta bort den befintliga adaptern från nackenheten.
5. För in CL-17-adaptern i nackenheten.
6. För in CL-17-klämman i nackenheten.



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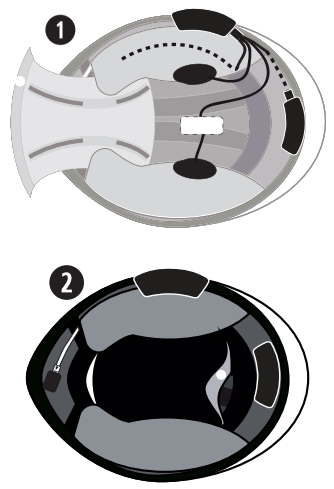

EN | FINAL STEPS

1. Connect the speakers and microphone to the back unit connectors.
2. Return the pads to their position in the helmet, taking care to secure all wires under the liner and pads.
3. Switch the headset on, as described in the Pocket Guide or User Guide.

DE | ANBRINGEN UND ABLÖSEN DER EINHEIT

1. Schließen Sie die Lautsprecher und das Mikrofon an die Anschlüsse der hinteren Einheit an.
2. Setzen Sie das Futter und die Kissen an ihre Position im Helm zurück. Achten Sie darauf, alle Kabel unter dem Futter und den Kissen zu sichern.
3. Schalten Sie das Headset ein, wie in der Kurzanleitung oder der Bedienungsanleitung beschrieben.

FR | ATTACHER ET RETIRER L'UNITÉ

1. Connectez les écouteurs et le microphone aux connecteurs de l'unité de base.
2. Repositionnez les coussins à leur emplacement dans le casque, de sorte à fixer tous les câbles sous le doublage du casque et sous les coussins.
3. Allumez le casque comme décrit dans le Guide de poche ou Guide d'utilisation.

IT | OPERAZIONI FINALI

1. Collegare gli auricolari e il microfono ai connettori dell'unità posteriore.
2. Riportare i cuscinetti nella loro posizione nel casco, accertandosi di fissare tutti i cavi sotto il rivestimento e i cuscinetti.
3. Accendere il dispositivo, come descritto nella Guida Tascabile o la Guida per l'Utente.

ES | FIJACIÓN Y RETIRO DE LA UNIDAD

1. Conecte los altavoces y el micrófono a los conectores de la unidad posterior.
2. Devuelva las almohadillas a su lugar en el casco, cuidando de asegurar todos los cables en su lugar debajo del forro y de las almohadillas.
3. Encienda el intercomunicador en la forma descrita en la Guía de Bolsillo o en la Guía de Usuario.

PT | FINALIZAÇÃO

1. Conecte os alto-falantes e o microfone nos conectores da unidade de suporte.
2. Recoloque as almofadas em sua posição original no capacete assegurando-se de que todos os fios estejam sob a forração.
3. Ligue o fone de ouvido, como descrito no Guia de Bolso ou Guia do Usuário.

NL | LAATSTE STAPPEN

1. Verbind de luidsprekers en microfoon met de connectoren van de backunit.
2. Breng de voering in de helm weer op zijn plaats, zorg ervoor dat alle draden onder de voering zitten.
3. Schakel de headset in zoals beschreven in de pocketgids of gebruikershandleiding.

RU | ЗАВЕРШЕНИЕ

1. Подсоедините наушники и микрофон к разъёмам заднего блока.
2. Установите на место накладки шлема, аккуратно закрепив провода под подшлемником и накладками.
3. Включите гарнитуру согласно указаниям Карманного руководства или Руководства пользователя.

SV | SISTA STEGEN

1. Anslut högtalaren och mikrofonen till nackenhetens kontakter.
2. Sätt tillbaka dynorna på plats i hjälmen och se till att säkra alla kablar under dem.
3. Slå på headsetet i enlighet med fickguiden eller användarmanualen.

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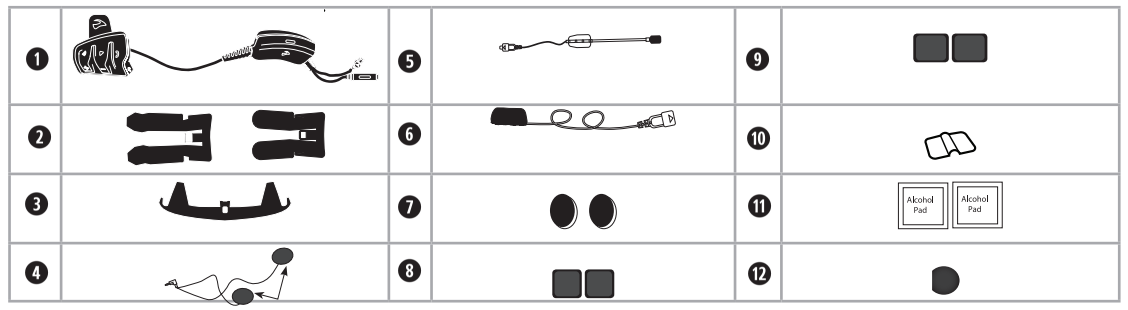
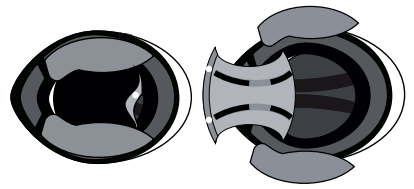
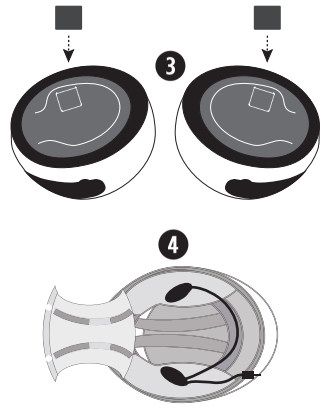


EN | CONTENTS OF BOX	DE | INHALT LIEFERKARTON	FR | CONTENU DU COFFRET
❶ Headset and back unit with mic and speaker jacks ❷ Clamp (x2) ❸ Adapter for CL-17 helmet ❹ Speakers ❺ Hybrid mic ❻ Corded mic ❼ Velcro booster pad for speakers ❽ Square Velcro pads for speakers (x2) ❾ Rectangular Velcro pads for hybrid mic (x2) ❿ Hybrid mic clip ⓫ Alcohol pads (x2) ⓬ Hybrid mic replacement sponge	❶ Headset und hintere Einheit mit Mikrofon- und Lautsprecheranschlüssen ❷ Zwinge (x2) ❸ Adapter für CL-17-Helm ❹ Lautsprecher ❺ Hybridmikrofon ❻ Kabelmikrofon ❼ Verstärkerpads mit Klettkissen für Lautsprecher ❽ Quadratische Klettkissen für Lautsprecher (x2) ❾ Rechteckige Klettkissen für Hybridmikrofon (x2) ❿ Hybridmikrofon-Clip ⓫ Alkoholtupfer (x2) ⓬ Ersatzschwamm für Hybridmikrofon	❶ Ecouteurs et unité avec prises pour microphone et haut-parleurs ❷ Pince (x2) ❸ Adaptateur pour casque CL-17 ❹ Haut-parleurs ❺ Microphone hybride ❻ Microphone filaire ❼ Coussins de boostage velcro pour haut-parleurs ❽ Coussins velcro pour haut-parleurs carrés (x2) ❾ Coussins velcro pour microphone hybride rectangulaires (x2) ❿ Clip microphone hybride ⓫ Tampons d'alcool (x2) ⓬ Bonnette de remplacement pour microphone hybride
IT | CONTENUTO DELLA CONFEZIONE	**ES | CONTENIDO DEL ESTUCHE DE VENTA**	**PT | CONTEÚDO DA EMBALAGEM**
❶ Dispositivo e unità posteriore con microfono e prese per l'auricolare ❷ Morsetto (x2) ❸ Adattatore per casco CL-17 ❹ Auricolari ❺ Microfono ibrido ❻ Microfono cablato ❼ Cuscinetti di rinforzo di Velcro per auricolari ❽ Cuscinetti quadrati di Velcro per auricolari (x2) ❾ Cuscinetti rettangolari di Velcro per microfono ibrido (x2) ❿ Clip per il microfono ibrido ⓫ Salviette imbevute di alcool (x2) ⓬ Spugnetta di ricambio per il microfono ibrido	❶ Intercomunicador y unidad posterior con tomas para micrófono y altavoces. ❷ Sujetador (x2) ❸ Adaptador para casco CL-17 ❹ Altavoces ❺ Micrófono híbrido ❻ Micrófono con cable ❼ Almohadilla elevadoras de velcro para altavoces ❽ Almohadillas cuadradas de velcro para altavoces (x2) ❾ Almohadillas rectangulares de velcro para micrófono híbrido (x2) ❿ Clip para micrófono híbrido ⓫ Toallitas con alcohol (x2) ⓬ Esponja de remplazo para micrófono híbrido	❶ Fone de ouvido e unidade de suporte com entradas para microfone e alto-falante ❷ Grampo (x2) ❸ Adaptador para capacete CL-17 ❹ Alto-falantes ❺ Microfone híbrido ❻ Microfone com fio ❼ Almofada amplificadora com Velcro para os alto-falantes ❽ Almofadas quadradas com Velcro para os alto-falantes (x2) ❾ Almofadas retangulares com Velcro para o microfone híbrido (x2) ❿ Grampo do microfone híbrido ⓫ Esponjas com álcool (x2) ⓬ Espuma de reposição do microfone híbrido
NL | DE INHOUD VAN DE VERPAKKING	**RU | СОДЕРЖИМОЕ УПАКОВКИ**	**SV | INNEHÅLL I VARULÅDAN**
❶ headset en backunit met microfoon en luidsprekeraansluitingen ❷ klem (x2) ❸ adapter voor CL-17 helm ❹ luidsprekers ❺ hybride microfoon ❻ microfoon met kabel ❼ velcro boosterpad voor luidsprekers ❽ vierkante velcropads voor luidsprekers (x2) ❾ rechthoekige velcropads voor hybride microfoon (x2) ❿ clip voor hybride microfoon ⓫ alcoholpads (x2) ⓬ reservespons voor hybride microfoon	❶ Гарнитура и задний блок с разъёмами для микрофона и наушников ❷ Зажим (x2) ❸ Переходник для шлема CL-17 ❹ Наушники ❺ Гибридный микрофон ❻ Проводной микрофон ❼ Вспомогательные накладки-липучки для наушников ❽ Квадратные накладки-липучки для наушников (2 шт.) ❾ Прямоугольные накладки-липучки для гибридного микрофона (2 шт.) ❿ Зажим для гибридного микрофона ⓫ Спиртовые салфетки (2 шт.) ⓬ Сменная ветрозащита для гибридного микрофона	❶ Headset och nackenhet med uttag för mikrofon och högtalare ❷ Klämma (x2) ❸ Adapter för CL-17-hjälmen ❹ Högtalare ❺ Hybridmikrofon ❻ Mikrofon med sladd ❼ Kardborreförsedda stöddynor för högtalarna (x2) ❽ Fyrkantiga kardborreförsedda dynor för högtalarna (x2) ❾ Rektangulära kardborreförsedda dynor för hybridmikrofonen (x2) ❿ Klämma för hybridmikrofon ⓫ Våtservetter (x2) ⓬ Ersättningssvamp för hybridmikrofonen

EN | INTRODUCTION	IT | INTRODUZIONE	PT | INTRODUÇÃO
This installation guide will guide you in attaching the SMARTH headset and back unit to your motorcycle helmet.	Questa guida di installazione spiega come attaccare l'unità posteriore e il dispositivo SMARTH al casco per motocicletta.	Este guia de instalação irá orientá-lo(a) em como fixar o fone de ouvido SMARTH e a unidade de suporte em seu capacete de motociclista.
DE | EINFÜHRUNG	**NL | TER INDUCTIE**	**RU | ВВЕДЕНИЕ**
Diese Montageanleitung zeigt Ihnen, wie Sie das SMARTH Headset und die hintere Einheit an Ihren Motorradhelm befestigen.	Deze installatiegids begeleidt u bij het bevestigen van uw SMARTH-headset en backunit aan uw motorhelm.	Данное руководство поможет вам присоединить гарнитуру и задний блок SMARTH к Вашему мотошлему.
FR | INTRODUCTION	**ES | INTRODUCCIÓN**	**SV | INTRODUKTION**
Ce guide d'installation vous guidera dans la mise en place du casque SMARTH ainsi que de l'unité de base sur	Esta guía de instalación le ayudará a fijar su intercomunicador SMARTH y la unidad posterior en su casco de motocicleta.	Denna installationsguide kommer att vägleda dig vid fästandet av SMARTHs headset och nackenhet på din motorcykelhjälm.



EN | PREPARING THE HELMET	DE | HELM VORBEREITEN	FR | PREPARATION DU CASQUE	IT | PREPARAZIONE DEL CASCO	ES | PREPARACIÓN DEL CASCO	PT | PREPARAÇÃO DO CAPACETE	NL | HET VOORBEREIDEN VAN DE HELM	RU | ПОДГОВИТЬ ШЛЕМ	SV | FÖRBEREDA HJÄLMEN
Remove the helmet pads.	Entfernen Sie die Helmkissen	Retirer les rembourrages de casque	Rimuovere i cuscinetti del casco.	Retire las almohadillas para el casco	Remova a forração do capacete	Verwijder de helmkussentjes	Снять накладки шлема	Ta bort hjälmens dynor



EN | INSTALLING THE SPEAKERS	DE | MONTAGE DER LAUTSPRECHER	FR | INSTALLATION DES HAUT-PARLEURS	IT | INSTALLAZIONE DEGLI AURICOLARI	ES | INSTALACIÓN DE ALTAVOCES	PT | INSTALAÇÃO DOS ALTO-FALANTES	NL | DE LUIDSPREKERS INSTALLEREN	RU | УСТАНОВКА НАУШНИКОВ	SV | INSTALLATION AV HÖGTALARNA
For best sound clarity, place the speakers directly opposite and as close as possible to your ears. *Note: If using two speakers in a helmet is prohibited in your jurisdiction, position both speakers on one side of the helmet.* ❶ Clean the speaker locations with the alcohol pad. ❷ If the speaker recesses are deep, attach both Velcro booster pads for speakers to the helmet. ❸ Attach both square Velcro pads to the helmet / booster pads. ❹ On the same side as the cradle, attach the speaker with the shorter wire to the speaker pad, and attach the speaker with the longer wire to the speaker pad on the other side.	Für beste Klangschärfe platzieren Sie die Lautsprecher direkt gegenüber und so nah wie möglich an Ihren Ohren. *Hinweis: Ist die Verwendung zweier Lautsprecher in einem Helm in Ihrer Gerichtsbarkeit verboten, positionieren Sie beide Lautsprecher auf einer Helmseite.* ❶ Reinigen Sie die Plätze der Lautsprecher mit dem Alkoholtupfer. ❷ Sind die Aussparungen für die Lautsprecher tief, bringen Sie beide Lautsprecherverstärker-Klettkissen am Helm an. ❸ Bringen Sie beide quadratischen Klettkissen am Helm / an den Verstärkerkissen an ❹ Bringen Sie den Lautsprecher mit dem kürzeren Kabel an das Klettkissen auf der selben Seite wie die Halterung und den Lautsprecher mit dem längeren Kabel an das Klettkissen auf der anderen Seite an	Pour une meilleure qualité du son, placez les écouteurs l'un en face de l'autre, aussi près que possible de vos oreilles. *N.B.: Si l'utilisation de deux haut-parleurs dans un casque est interdit par la loi, placez les deux haut-parleurs du même côté du casque.* ❶ Nettoyez l'emplacement des haut-parleurs avec les tampons d'alcool. ❷ Si les haut-parleurs sont encastrés profondément, attachez les coussins de boostage velcro des haut-parleurs au casque. ❸ Attachez les deux coussins velcro carrés au casque / au coussin de boostage. ❹ Attachez le haut-parleur avec le câble le plus court au coussin et le haut-parleur avec le plus long câble au haut-parleur.	Per il suono più chiaro, mettere gli auricolari direttamente di fronte e più vicini possibile alle orecchie. *Nota: Se l'uso di due auricolari in un casco è proibito nella giurisdizione di appartenenza, mettere i due auricolari sullo stesso lato del casco.* ❶ Pulire la posizione per l'auricolare con la salvietta imbevuta di alcool. ❷ Se gli incavi per l'auricolare sono profondi, attaccare entrambi i cuscinetti di rinforzo di Velcro per gli auricolari al casco. ❸ Attaccare entrambi i cuscinetti quadrati di Velcro al casco / ai cuscinetti di rinforzo. ❹ Dallo stesso lato dell'intelaiatura di sostegno, attaccare l'auricolare con il cavo più corto al cuscinetto dell'auricolare, e attaccare l'auricolare con il cavo più lungo all'auricolare.	Para obtener la mejor claridad de sonido, coloque los altavoces directamente al frente y lo más cerca posible de sus oídos. *Nota: Si el uso de dos altavoces en un casco está prohibido en su jurisdicción, coloque a ambos altavoces en el mismo lado del casco.* ❶ Limpie el lugar destinado a los altavoces con la toallita con alcohol. ❷ Si las cavidades para altavoces son profundas, fije a ambas almohadillas elevadoras de velcro para altavoces en el casco. ❸ Fije las dos almohadillas cuadradas de velcro en el casco / sobre las almohadillas elevadoras. ❹ En el lado donde está el soporte, fije el altavoz con el cable corto sobre la almohadilla para altavoz, y fije el altavoz con el cable largo al altavoz.	Para obter uma melhor qualidade de som posicione os alto-falantes diretamente em oposição e o mais próximo possível de seus ouvidos. *Nota: Caso seja proibido o uso de dois alto-falantes em sua jurisdição, posicione ambos os alto-falantes em um dos lados do capacete.* ❶ Limpe o local onde irá posicionar os alto-falantes com a esponja com alcool. ❷ Caso o local para o microfone seja profundo utilize as almofadas amplificadoras com Velcro fixando-as no capacete. ❸ Fixe ambas as almofadas quadradas com Velcro no capacete / ou nas almofadas amplificadoras. ❹ Fixe o alto-falante com o fio mais curto na almofada no mesmo lado do encaixe e fixe o alto-falante com o fio mais longo no alto-falante.	Plaats de luidsprekers voor maximale geluidskwaliteit tegenover en zo kort mogelijk bij uw oren. *Opmerking: Als twee luidsprekers in een helm verboden zijn in het rechtsgebied waarin u zich bevindt, plaats beide luidsprekers dan een kant van de helm.* ❶ Reinig de plaats van de luidsprekers met de alcoholpad. ❷ Als de uitsparingen voor de luidsprekers diep zijn, bevestig dan beide velcro boosterpads voor de luidsprekers aan de helm. ❸ Bevestig beide vierkante velcropads aan de helm / boosterpads. ❹ Bevestig de korte draad aan dezelfde kant van de houder aan de luidsprekerpad en bevestig de luidspreker met de lange draad aan de luidspreker	Чтобы добиться максимальной чёткости звука, установите динамики наушников в шлеме строго напротив друг друга как можно ближе к ушам. *Примечание: Если использование в шлеме динамиков наушников с двух сторон запрещено местным законодательством, то разместите оба наушника на одной стороне шлема.* ❶ Протрите места крепления наушников спиртовой салфеткой. ❷ Если углубления для наушников достаточно глубокие, то прикрепите к шлему обе вспомогательные накладки-липучки для наушников. ❸ Прикрепите к шлему или вспомогательным накладкам обе квадратные накладки-липучки. ❹ Со стороны держателя прикрепите первый наушник с более коротким проводом к накладке для наушников. Второй наушник с более длинным проводом прикрепите к первому наушнику.	Placera högtalarna direkt motsatt varandra och så nära dina öron som möjligt för bästa ljudkvalitet. *Obs: Om det är förbjudet att använda två högtalare i ditt land skall båda högtalarna placeras på ena sidan av hjälmen.* ❶ Rengör platserna för högtalarna med våtservetterna. ❷ Om skrymslena där högtalarna ska placeras är djupa fäster du båda de kardborreförsedda stöddynorna för högtalarna vid hjälmen. ❸ Fäst båda de fyrkantiga kardborreförsedda stöddynorna för högtalarna vid hjälmen/ stöddynorna. ❹ Fäst högtalaren med den kortare kabeln på högtalarens dyna på samma sida som hållaren och fäst högtalaren med den längre kabeln vid högtalaren

EN | INSTALLING THE MICROPHONE	DE | MONTAGE DES MIKROFONS	FR | INSTALLATION DU MICROPHONE	IT | INSTALLAZIONE DEL MICROFONO	ES | INSTALACIÓN DEL MICRÓFONO	PT | INSTALAÇÃO DO MICROFONE	NL | DE MICROFOON INSTALLEREN	RU | УСТАНОВКА МИКРОФОНА	SV | INSTALLATION AV MIKROFONEN
OPTION A – HYBRID MICROPHONE (FOR OPEN-FACE AND MODULAR HELMETS) ❶ On the inner right side of the helmet, position the hybrid microphone so that the microphone itself is opposite your mouth, and note the position of the boom relative to the helmet. ❷ Clean the hybrid microphone location with the alcohol pad. ❸ Attach both rectangular Velcro pads, adjacent to each other, near the helmet rim. ❹ Attach the hybrid microphone and clip to the Velcro pads, with the yellow arrow facing your mouth. **OPTION B – CORDED MICROPHONE (FOR FULL-FACE HELMETS)** ❶ Clean the corded microphone location with the alcohol pad. ❷ Attach the rectangular Velcro pad near the helmet rim, opposite your mouth. ❸ Attach the microphone to the Velcro pad.	**OPTION A – HYBRIDMIKROFON (FÜR JETHELME UND KLAPPHELME)** ❶ Positionieren Sie auf den inneren rechten Helmseite das Hybridmikrofon, so dass das Mikrofon selbst vor Ihrem Mundsitzt, und beachten Sie die position des Auslegers relativ zum Helm. ❷ Reinigen Sie den Platz des Hybridmikrofons mit dem Alkoholtupfer. ❸ Bringen Sie beide rechteckigen Klettkissen nebeneinander in der Nähe der Helmkante an. ❹ Bringen Sie Hybridmikrofon und Klemme an die Klettkissen an, wobei der gelbe Pfeil auf Ihren Mund zeigt. **OPTION B – KABELMIKROFON (FÜR INTEGRALHELME)** ❶ Reinigen Sie den Platz des Kabelmikrofons mit dem Alkoholtupfer. ❷ Bringen Sie das rechteckige Klettkissen in der Nähe der Helmkante vor Ihrem Mund an. ❸ Bringen Sie das Mikrofon auf das Klettkissen an.	**OPTION A – MICROPHONE HYBRIDE (POUR CASQUES OUVERTS OU MODULAIRES)** ❶ Positionnez le microphone hybride à l'intérieur du casque de façon à ce que le microphone se trouve en face de votre bouche et marquez la position du support sur le casque. ❷ Nettoyez l'emplacement du microphone avec les tampons d'alcool. ❸ Attachez les deux coussins velcro rectangulaires, de façon adjacente près du bord du casque. ❹ Attachez le microphone hybride et attachez les coussins velcro avec la flèche jaune en direction de votre bouche. **OPTION B – MICROPHONE FILAIRE (POUR CASQUES INTÉGRAUX)** ❶ Nettoyez l'emplacement du microphone filaire avec les tampons d'alcool. ❷ Attachez les coussins velcro au bord du casque, en face de votre bouche. ❸ Attachez le microphone aux coussins velcro.	**OPZIONE A – MICROFONO IBRIDO (PER CASCHI APERTI E MODULARI)** ❶ Sul lato destro interno del casco, posizionare il microfono ibrido in modo che il microfono stesso sia di fronte alla bocca, e notare la posizione del braccio rispetto al casco. ❷ Pulire la posizione del microfono ibrido con la salvietta imbevuta di alcool. ❸ Attaccare entrambi i cuscinetti rettangolari di Velcro, uno vicino all'atro, vicino al bordo del casco. ❹ Attaccare il microfono ibrido e fissarlo ai cuscinetti di Velcro, con la freccia gialla di fronte alla bocca. **OPZIONE B – MICROFONO CABLATO (PER CASCHI INTEGRALI)** ❶ Pulire la posizione del microfono cablato con la salvietta imbevuta di alcool. ❷ Attaccare il cuscinetto rettangolare di Velcro vicino al bordo del casco, di fronte alla bocca. ❸ Attaccare il microfono al cuscinetto di Velcro.	**OPCIÓN A – MICRÓFONO HÍBRIDO (PARA CASCOS ABIERTOS Y MODULARES)** ❶ Coloque el micrófono hibrido en el lado derecho interior del casco, de manera que el micrófono mismo esté frente a su boca, y tome nota de la posición del brazo con relación al casco. ❷ Limpie el lugar destinado al micrófono hibrido con la toallita con alcohol. ❸ Fije las dos almohadillas rectangulares de velcro una al lado de la otra, cerca del borde del casco. ❹ Fije el micrófono híbrido y su clip sobre las almohadillas de velcro, apuntando la flecha amarilla hacia su boca. **OPCIÓN B – MICRÓFONO CON CABLE (PARA CASCOS INTEGRALES)** ❶ Limpie el lugar destinado al micrófono con cable usando la toallita con alcohol. ❷ Fije la almohadilla rectangular de velcro cerca del borde del casco, frente a su boca. ❸ Fije el micrófono sobre la almohadilla de velcro.	**OPÇÃO A –MICROFONE HÍBRIDO (PARA CAPACETES DE FACE ABERTA E MODULARES)** ❶ Posicione o microfone hibrido na parte interna direita do capacete de forma que o microfone fique de frente de sua boca e verifique a posição do arco em relação ao capacete. ❷ Limpe o local do microfone hibrido utilizando a esponja com álcool. ❸ Fixe ambas as almofadas retangulares com Velcro, uma próxima da outra junto à borda do capacete. ❹ Fixe o microfone híbrido e prenda-o nas almofadas com Velcro, com a flexa amarela voltada para a sua boca. **OPÇÃO B- MICROFONE COM FIO (PARA CAPACETES DE FACE INTEIRA)** ❶ Limpe o local onde irá fixar o microfone utilizando a esponja com álcool. ❷ Fixe a almofada retangular com Velcro próximo à borda do capacete, defronte à sua boca. ❸ Prenda o microfone na almofada com Velcro.	**OPTIE A – HYBRIDE MICROFOON (VOOR OPEN EN MODULAIRE HELMEN)** ❶ Plaats de hybride microfoon aan de rechter binnenkant van de helm zodat de microfoon zich tegenover uw mond bevindt en let op de positie van de antenne tegenover de helm. ❷ Reinig de locatie van de hybride microfoon met de alcoholpad. ❸ Bevestig beide rechthoekige velcro pads naast elkaar bij de helmrand. ❹ Bevstig de hybride microfoon en clip aan de velcropads met de gele pijl naar uw mond gericht. **OPTIE B – MICROFOON MET KABEL (FOR GESLOTEN HELMEN)** ❶ Reinig de locatie van de microfoon met kabel met de alcoholpad. ❷ Bevestig de rechthoekige velcropad bij de helmrand tegenover uw mond. ❸ Bevestig de microfoon aan de velcropad.	**ВАРИАНТ А: ГИБРИДНЫЙ МИКРОФОН (ДЛЯ ОТКРЫТЫХ И МОДУЛЬНЫХ ШЛЕМОВ)** ❶ Разместите гибридный микрофон справа на внутренней стороне шлема так, чтобы сам микрофон распологался напротив рта. Обратите внимание на расположение держателя микрофона относительно шлема. ❷ Очистите место крепления микрофона при помощи спиртовой салфетки. ❸ Прикрепите обе прямоугольные накладки-липучки рядом друг с другом около кромки шлема. ❹ Прикрепите гибридный микрофон и зажим к накладкам-липучкам. При этом жёлтая стрелка должна быть направлена в сторону рта. **ВАРИАНТ Б: ПРОВОДНОЙ МИКРОФОН (ДЛЯ ШЛЕМОВ-ИНТЕГРАЛОВ)** ❶ Очистите место крепления проводного микрофона при помощи спиртовой салфетки. ❷ Прикрепите прямоугольную накладку-липучку около кромки шлема напротив рта. ❸ Прикрепите микрофон к накладке-липучке.	**ALTERNATIV A – HYBRIDMIKROFON (FÖR VISIRLÖSA OCH MODULHJÄLMAR)** ❶ Placera hybridmikrofonen på den inre högra sidan av hjälmen så att mikrofonen själv är mittemot din mun och observera placeringen av stången i förhållande till hjälmen. ❷ Rengör platsen för hybridmikrofonen med våtservetterna. ❸ Fäst de båda rektangulära kardborrdynorna mitt emot varandra och nära hjälmens kant. ❹ Fäst hybridmikrofonen och klämman vid kardborrdynorna med den gula pilen riktad mot din mun. **ALTERNATIV B – MIKROFON MED SLADD (FÖR INTEGRALHJÄLMAR)** ❶ Rengör platsen för mikrofonen med våtservetterna. ❷ Fäst den rektangulära kardborrdynan nära hjälmens kant, framför munnen. ❸ Fäst mikrofonen vid kardborrdynan.

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