

INSTRUCTION MANUAL

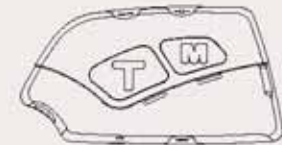


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Instruction Manual for iMC Motorcom Headsets

BTS-110/120/130/140(Class2/CH1)
BTS-210/220/230/240(Class2/CH2)
BTS-310/320/330/340(Class1/CH2)



CAMOS



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Introduction

Thanks for purchasing a Bluetooth Headset from iMC motorcom.

You now have the possibility to connect devices like cell phone, PDA, GPS system (depending on manufacturer) and 2-way radio system wirelessly to your Headset. Furthermore, you can talk wirelessly to your passenger with 2 BTS-200 and between 2 motorbikes with 2 BTS-300. This manual is for the BTS-100, BTS-200 & BTS-300.

Please read the instructions for the different models carefully and have a special look on the pairing with external devices and the intercom function. Design and specifications could be changed without prior notice.

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Warranty

Please read the following instructions carefully. We recommend to follow these instructions to make sure that your wireless Bluetooth device can be used without any problems.

The manufacturer does not take any responsibility on the sales of products nor entrust the responsibility to a 3rd party. Product warranty shall not apply to any failure or malfunction which results from improper maintenance, operation or unauthorized modification of product.

CAMOS warrants the quality of the product due to the individual country restrictions. However, the product loses this warranty due to the following events:

- 1) **Improper maintenance**
- 2) **Self-modification or replacement of product parts**
- 3) **Using improper power source**
- 4) **Natural disaster including flood, fire and earthquake**
- 5) **Replacement of expendable parts**
- 6) **Malfunction caused by not registered expendable or optional parts**
- 7) **Malfunction caused from parts not supplied by the manufacturer**

Warranty only covers the manufactured goods. Repairs after the warranty period is finished will be charged to the user. Please contact your local distributor or service center for further information.

What is Bluetooth?

Bluetooth is a wireless protocol utilizing short-range communications technology facilitating data transmissions over short distances from fixed and/or mobile devices, creating wireless personal area networks (PANs).

The intent behind the development of Bluetooth was the creation of a single digital wireless protocol, capable of connecting multiple devices and overcoming issues arising from synchronization of these devices. Bluetooth provides a way to connect and exchange information between devices such as mobile phones, telephones, laptops, personal computers, printers, GPS receivers, digital cameras, and video game consoles over a secure, globally unlicensed Industrial, Scientific, and Medical (ISM) 2.4 GHz short-range radio frequency bandwidth.

Important information to the iMC Bluetooth Headsets:

- 1) The pairing between 2 headsets or headset and another device will be automatically interrupted if the reception distance is exceeded.
- 2) Please make sure that the paired devices will be close to each other process.
- 3) The Bluetooth function of other devices in the environment should be switched off so that they won't interfere the pairing process.
- 4) Please note that in some cases the headsets cannot be paired with external devices because some manufacturers do not allow other Bluetooth devices than their own ones.

Safety instructions

Please read the "Safety Rules" carefully before using this product. Following the safety rules prevents users from damages related with the misuse of the product. It is very important to follow these safety rules. We state "Caution" and "Warning" to clarify any potential risk for a damage associated with the misuse of the product.

Warning

May cause bodily harm or even death if the user ignores these warnings in the safety rules.



Caution

May cause a damage or shorten the life time of the product if the user ignores these cautions in the safety rules.



- Caution**
- ⊘ Attach the Bluetooth unit to the helmet and check the fixing status before driving.
 - If the unit is not fixed on the helmet, it could get damaged when falling down from the helmet. In that case, the user will take all responsibility for the damage.
 - ⊘ Do not detach the unit forcibly during operation.
 - In case that it needs to be detached from the helmet, it has to be powered off and detached safely.
 - ⊘ Do not pull the power cord with a jerk.
 - It may cause a damage of the power cord.
 - ⊘ Do not use a multi socket or an external adaptor.
 - It may cause unexpected heating, fire and malfunction.
 - ⊘ Do not place the unit near by a magnet.
 - It may cause malfunction.


















**Caution**

- ⊘ When cleaning the exterior, switch off the unit and wipe it with a dry cloth only.
 - A wet cloth may cause an electronic shock.
- ⊘ Unplug the product when not using it for a long time.
 - It may cause fire by short circuit due to heating.
- ⊘ Do not send shock waves or throw the unit.
 - It may cause malfunction or damage.
- ⊘ Be careful with sharp surfaces when fixing the Bluetooth unit and brackets.
 - It may cause an injury of the finger.
- ⊘ Keep regular charging time when charging the product.
 - Excessive charging time could shorten the battery life time and effect an overheating.
- ⊘ Do not disassemble, repair and remodel the unit by yourself.
 - This is only allowed to professionals from the customer service.
 - Otherwise it could lead to a malfunction or injury and loss of warranty.
 - Please contact your dealer in case of any problems with the unit.
- ⊘ Do not rotate the BTS-120/220/320 microphone by 360°.
 - It could damage the microphone and headset.
- ⊘ Make sure that the USB jack of the headset and the power supply unit will be correctly connected to the USB socket. Please refer to the manual for further instructions.
 - The manufacturer does not take any responsibility for problems which occurred from wrong connection.
- ⊘ We recommend to use compatible products of the same manufacturer together with the bluetooth headset. Please check the compatibility of other products to our headset before purchasing it.
- ⊘ Please completely charge the headset before first use.

**Warning**

- ⚠ Keep regular charging time when charging the product.
 - Excessive charging time may shorten the battery life and cause fire due to heating.
- ⚠ Do not use damaged cord, plug or loose socket.
 - It may cause fire or electronic shock.
- ⚠ Do not put the product in a place where the temperature could suddenly increase.
 - It may cause electronic shock or malfunction.
- ⚠ Keep the power socket clean and free from dust.
 - It may cause electronic shock and fire.
- ⚠ Do not clean exterior with volatility or oily solvent or neither keep touching rubber and plastic for long time.
 - It may cause change of surface, paint damage, malfunction and fire.
- ⚠ Stop using the product in case of smoke or a burning smell comes from inside the unit.
 - It may cause fire. Stop usage and contact your agency.
- ⚠ Do not replace unknown accessories and battery at user's discretion.
 - It may cause explosion or malfunction.
- ⚠ Do not make a hole with a gimlet or pushpin and disassemble any part.
 - It may cause explosion or malfunction.
- ⚠ Keep away from children and pets.
 - It may cause explosion or fire.
 - It may cause damage to built-in battery and if using damaged battery, it may affect the human body.
- ⚠ Keep away charger from metals like necklace, coin, key and so on.
 - It may cause fire and explosion.

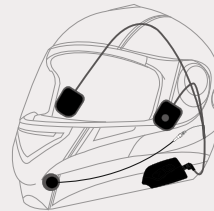
1 Single components

Main unit	Speakers	Microphone	Accessories	
 Bluetooth unit (BTS-110/210/310)	 Speakers A	 Microphone A (BTS-110/210/310)		 Bracket A (for fix mounting, incl. 3M tape)
 Bluetooth unit (BTS-120/220/320)	 Speakers B	—	 Velcro tape	 3M tape
 Bluetooth unit (BTS-130/230/330)	 Speakers A	 Microphone B (BTS-130/230/330)	 Protection tape	 Bracket B (Bracket as clip)
 Bluetooth unit (BTS-140/240/340)	 Speakers C	—	—	 Charger (EU or USA)
				 User Manual

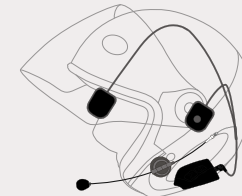
※ Subject to be changed without prior notice.

2 Equipment depending on helmet type

1) Full Face Type Helmet (BTS-110/210/310)



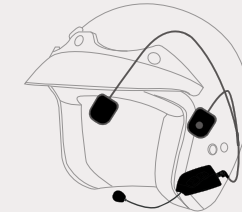
2) File-up Type Helmet (BTS-130/230/330)



3) Half Type Helmet (BTS-140/240/340)



4) Open Face Type Helmet (BTS-120/220/320)



3 Handling and battery Charging

1. Handling and storage

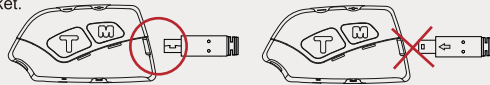
- 1) When not using the headset, please store it in a dry place and switch it off to save battery power.
- 2) Do not place it in direct sunlight over 50°C extremely hot temperatures.
- 3) Store all accessories in a dry place as well.

2. Recharge headset

The Bluetooth headset has a fixed Li-Polymer rechargeable battery. Before using the headset the first time, it has to be charged completely.

Please pay attention to the following instructions regarding the charging process:

- 1) Only charge the headset with the supplied charger. The headsets have a voltage of 5V. Please note that other chargers could damage the headsets and the headsets will lose their warranty.
- 2) Connect the headset to the charger as described. Please make sure that the headset is correctly plugged deeply into the USB socket.



- 3) The red LED is illuminated during the charging process. When the headset is fully charged, the red LED turns off. Disconnect the charger unit from the headset after the charging process.
- 4) If the battery status is low, you will hear a warning signal in the headset.

3. Check battery status

Press both volume keys (+&-) for 10 Sec. from power off status and release them again. The red LED will show you the battery status afterwards.

Battery status (Number of signal may differ)

Low battery power: 6-7x (fast) flashing for 2 Sec.

Middle battery power: 2-4x flashing for 2 Sec.

Full battery power: Permanent flashing for 2 Sec.

4. Battery charging time and usage time

Model	Charging time	Usage time	
		Stand-by	Speaking/music/intercom
BTS-100 Series	~3h	~180h	~14h
BTS-200 Series		~180h	~14h
BTS-300 Series		~90h	~7h

The usage time of the battery may differ due to the number of connected systems.

If the battery loses too much power within a short time during warranty period, please contact your local dealer for checking the battery and replacing it if necessary. In any case, do not replace the battery on your own!

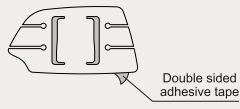
4 Mounting on helmet

1. Bracket A (for fixing on helmet incl. 3M adhesive tape)

Recommended to be placed left hand side



I. Please clean the helmet surface before attaching the bracket.



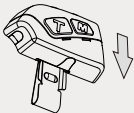
II. Please prepare the tape on the bracket and attach it to the helmet.



III. After attaching the bracket, the main module will be slipped on the bracket top-down.

2. Bracket B (for attaching to the helmet)

Please note: Not possible with every helmet type



I. Slip the Bluetooth module top-down to the bracket.

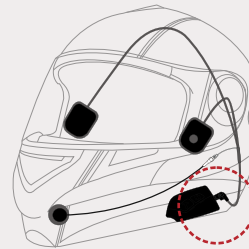


II. The bracket should be attached vertically on the outer shell of the helmet. If necessary please protect the helmet with the protection tape against scratches.



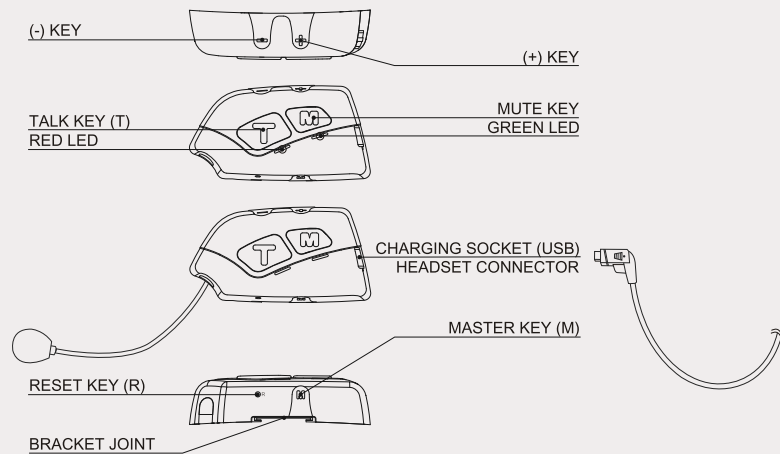
5 Installation of loudspeakers and microphone

Please note: Equipment will be different due to helmet type



- 1) Please connect the the headset with the USB plug in the USB socket of the main module.
- 2) Connect the microphone to the white plug of the headset (not for BTS-120/220/320).
- 3) Take the Velcro tape and fix it inside of the helmet near to your ears. Depending on helmet type, the speakers can be fixed on or under the inside helmet liner.
- 4) Both speakers have different cable lengths. Please fix the speaker with the shorter cable on the same side as the Bluetooth module and the other speaker on the opposite side.
- 5) The microphone should be placed close to the mouth inside the helmet.

6 Operational keys



7 Key functioning

No	Key	Function	
		BTS-100	BTS-200 / BTS-300
1	[+] KEY	- Increase volume*	- Activate/deactivate channel 2 - Increase volume* - Pairing channel 2
2	[-] KEY	- Activate/deactivate channel 1 - Decrease volume* - Pairing channel 1	- Decrease volume*
3	Master Key [M]	—	Pairing channel 2 as MASTER
4	Talk Key [T]	- Redialing - Accept call	—
5	Reset	Reset of all functions; all channels turn off completely	
6	Mute Key	Temporary muting of channel 1 and channel 2	

※ The volume will be signaled through different sound signals in the headset.