



**USER MANUAL  
HANDSFREE COMMUNICATION**



**BLU**  
HANDSFREE SOLUTIONS  
**LOGIC**



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HANDSFREE COMMUNICATION**

**Quick-Start Guide**.....2  
**Pairing Guide**.....3  
 Pairing Trouble Shooting.....3  
**Operation**.....4  
 Connection.....4  
 Connection Priority.....4  
 Dial.....4  
 Reject a Call.....4  
 Private Call.....4  
 Disconnect from Kit.....4  
 Volume Control.....5  
 Sound Quality.....5  
**Specifications**.....6

**FCC Warning:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

**Caution:**

This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permission exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person’s body (excluding extremities: hands, wrists, feet and legs).

**Co-location:**

This transmitter must be not co-located or operated in conjunction with any other antenna or transmitter.

**⚠ CAUTION**

**Be Safe.** When using a handsfree cellular device in a vehicle, the vehicle operator is solely responsible for operating the vehicle in a safe manner. Vehicle operators must maintain full surveillance of all pertinent driving conditions at all times. An accident or collision resulting in damage of property, personal injury, or death could occur if the operator of the vehicle fails to pay attention to travel conditions and vehicle operation while the vehicle is in motion. Cellular device use limits vary by state, province or locality. Obey all laws while driving.

**DO NOT** program, attempt to program, adjust, or set up your BLU Logic unit while the vehicle is moving. Your vehicle should be in park with ignition turned to the on or “acc” (accessory) position.

**DO NOT** program, attempt to program, adjust, or set up you BLU Logic unit while the vehicle is inside and the engine is on.

**Failure to follow the precautions** could result in property damage, serious injury, and death of yourself, pets or other people near the vehicle from carbon monoxide (for example, if the vehicle’s engine is running in a garage with the garage door closed), or from physical impact (if the vehicle should slip out of park and into gear with the engine running).

Handsfree Specifications	Version 2.1 + EDR; Class 2, 10 Meters/ 3 ft.
Handsfree Profile Supported	HSP1.1, HFP1.5, A2DP & AVRCP Profiles
Operating Frequency Band	2.402 to 2.480GHz unlicensed ISM band
Multi-Pairing	Up to 7 Handsfree devices
Handsfree DSP	Full Duplex, Noise Reduction, Echo Cancellation
Power supply voltage range	DC 9 ~ 25 volts
Working temperature	-25 °C ~ 75 °C / -13 °F ~ 167 °F
Storage temperature	-35 °C ~ 85 °C / -31 °F ~ 185 °F
Current consumption	In Operation: ACC ON (during conversation) 100mA ~2A(Max)/DC 12V  In Standby Mode: ACC ON (standby mode) 10mA(Max)/DC 12 ACC OFF < 1mA
Microphone  (including amplifying circuit)	Category: Omni Directional Sensitivity: -56dB ± 2dB tolerance SN ratio: >55dB (Min) Frequency response: Tuned to optimize voice response from 200Hz - 3kHz
Amplifier output (loudspeaker)	Output power: 10W Peak Impedance: 4 Ohm Max output current: 3A Max undistorted amplitude: 10Vpp
Mute mode	Active Low Mute Sink current: 40mA @ 0.5V
Dimensions (L/W/H)	134.5 x 81 x 30 mm / 5.26” x 3.19” x 1.18”
	Revision 12.19.08

FCC ID: V2M780XXX0000

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Continued:

### (8) Call Interchange:

When a conversation is in progress, you may transfer the call in between the system and handset.

**Handset to System:** Press **]** key for 4 seconds and release when you hear 2 beeps or restart the vehicle.

**Note:**

*This could vary owing to various handsets features.*

### (9) Music Stream & Pause:

After completion of Handsfree connection to an A2DP handset, you may listen to music stored on your handset through the vehicle's speakers. Simply activate the music streaming application on your handset. Refer to your handset's user manual for more details.

**Note:**

*Sound output is through the front speakers only.*

### (10) Automatic Switch between Music Stream & Calls:

When streaming handset music via the car speakers, during an incoming call, music will be paused. You may answer the call via the system. Music stream will resume after completion of the call.

### (11) Sound Quality

For improved sound quality during BLU Logic operation, please:

For improved sound quality during BLU Logic operation, please:

- Keep all windows up
  - Avoid setting the HVAC blower speed on high
  - Avoid multiple passengers speaking at the same time
  - Project your voice clearly in the direction of the instrument panel
- Sound Quality may be effected by the following:

- Background noise
- road conditions
- vehicle speed
- wireless carrier performance
- wireless handset performance

*Note: Sound degradation may occur with high background noise levels in the vehicle, including high vehicle speeds and/or road conditions.*

### (12) If You need Assistance

Both Toyota and your Toyota dealer are dedicated to serving your automotive needs. Should you have a problem or concern - please take the following steps

#### Step 1

Discuss the situation with the dealership or customer relations manager.

#### Step 2

If the dealership does not address your concern to your satisfaction, call the Toyota Customer Experience Center at **(800) 331-4331**. If you are hearing- or speech-impaired, call (800)443-4999 (TDD)

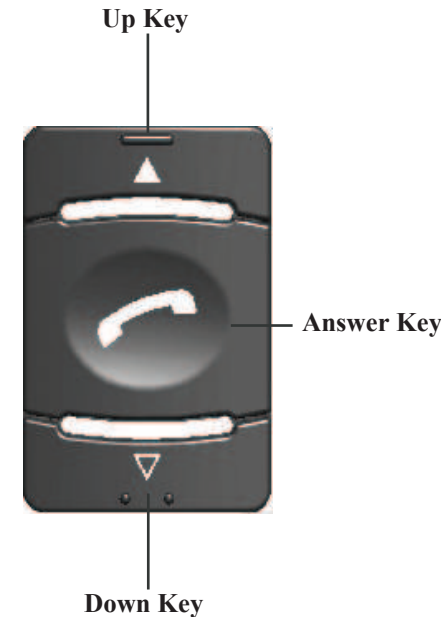
### Care and Maintenance

(A) Do not attempt to disassemble the system as it does not contain user serviceable components.

(B.) Only go to designated service centers for installation/removal of system.

BLU Logic is a hands free phone system for your vehicle. BLU Logic utilizes a hands free profile to connect to your cell phone and eliminates the need to hold a handheld cell phone, wear a headset, earpiece, or an in vehicle mounted handset adapter while making or receiving calls.

<b>Device ID</b>	<b>BLU Logic XXXX</b>
<b>Pass Key</b>	<b>1234</b>



### Getting Started

First, your Handsfree equipped cell phone must be paired or electronically matched to the BLU Logic unit. Then simply place your phone anywhere in the passenger compartment of your vehicle. Your Handsfree equipped cell phone will automatically connect or transmit to the BLU Logic unit every time it is on, charged, or within range (30ft/10 meters). To Pair your phone, please see Pairing Guide on page 3

*The system can pair up to 7 handsets.*

*For a list of compatible phones please go to <http://www.blulogicupdate.com>*

### Making and Answering Calls

To	Key	Do
Answer a Call	<b>]</b>	Short Press
Ending a Call	<b>]</b>	Short Press
Reject a Call	<b>]</b>	Press for 2 seconds and release when you hear 1 beep
Redial the Last Number	<b>]</b>	Press for 2 seconds and release when you hear 1 beep
Voice Dialing	<b>]</b>	Short Press

### In a Call

To	Key	Do
Adjust the Volume Up	<b>▲</b>	Short Press
Adjust the Volume Down	<b>▽</b>	Short Press
Transfer a Call to Handset	<b>]</b>	Press for 2 seconds and release when you hear 1 beep

### Manual Pairing

To	Key	Do
Pairing	<b>]</b>	Press for 8 seconds and release when you hear 3 beeps. The system will enter pairing mode for the next 5 minutes.
Memory Erase	<b>]</b>	Press for 15 seconds and release when you hear 4 beeps

### Pairing your phone is simple, just follow these steps:

The system can pair up to 7 handsets.

For a list of compatible phones please go to <http://www.blulogicupdate.com>

1. Place your handset near the dash board no more than 3 feet/1 meter apart.
2. Press and hold **Ⓜ**key down for 8 seconds (approx.) until you hear 3 short beeps (*this puts the system into pairing mode for 5 minutes*).

3. Activate your mobile handset's Handsfree accessing function by referring to your mobile handset user guide for details. The handset will search for accessible Handsfree devices.

#### Note:

For most phones, the pairing operation will be as follows:

Search for a new device → New → Handsfree search. This will vary depending on the features of your particular phone.

4. Select "BLU Logic XXXX" from the list. Enter the pre-programmed passkey "1234" and press "OK" to pair the kit and the handset. When pairing is completed, you may hear a long beep. Now the system is in standby mode (*for most mobile handsets a headset icon will be shown on the screen*).

5. Press "Return" to go back to your handset's main menu. You should, now be able to make and receive calls through the system within a distance of approximately 30 ft./10 meters (*obstructions may cause this distance to be shorter*).

#### Pairing Note:

Some manufacturer's handsets do not allow automatic connection to Handsfree devices. If your handset does not connect automatically, please check to see if the auto-connect feature has been enabled or set to Without Confirmation. Other possible settings may be: Required Authorization → NO, Device Authorized → YES, Connection Authorized → YES, or Trusted Device → YES.

Please refer to your handset's user manual for further details.

### Cannot find the Handsfree menu:

Please refer to your handset user manual for assistance on various phones.

### Handset will not pair:

1. Make sure that the phone and vehicle ignition is ON. Also make sure that the phone battery is charged.
2. Ensure your mobile handset's Handsfree feature is activated and enabled. Please refer to your mobile handset user guide for specific instructions.
3. Ensure the BLU Logic system is within a maximum of 3 feet/1 meter of your mobile handset and there are no obstructions in between such as other electronic devices (this may cause reduced range or interference in transmission.)
4. Delete all paired devices by momentarily pressing the **Ⓜ** key for 15 seconds. Reference back to pairing once this is done.
5. Your phone's software may need to be reset. Please remove and reinstall battery and try again.
6. Delete all paired devices from your handset and try again. There is a possibility that your handset is paired to too many devices and exceeds the maximum number of connections.
7. If all the above steps do not resolve your problem, power off the vehicle for a while. The BLU Logic is compliant with and adopts the Handsfree Specification V2.1. However, interoperability between the device and other Handsfree-enabled products is not guaranteed because of various handsets features. Please check with the manufacturer for more information about compatibility & use of your Handsfree devices.

The system can pair up to 7 handsets.

For a list of compatible phones please go to <http://www.blulogicupdate.com>

### My handset is paired with the kit. However, when I start the car, it doesn't connect automatically:

Please refer to the Pairing Note mentioned on the left.

### (1) Connection:

As soon as you enter the car and turn the ignition on, the system will link with your handset automatically. You will hear one beep when the connection is established.

#### Important:

**If it is the first time you connect your handset, or your handset was not the last connected to the system, please initiate connection or reconnection via your handset.**

#### Note:

Whenever the Handsfree connection/link is removed and a headset icon does not appear on the handset screen, please activate connection/link as suggested (for example: Vehicle or mobile handset is powered off and then turned on; or out of 30ft/10 meter sensing range). See your handset user manual for more details.

### (2) Disconnection:

Follow these steps to disconnect the kit from the current paired handset.

(A) Power off the vehicle. Phone should automatically disconnect.

(B.) If the phone does not automatically disconnect Select "disconnect" from your handset menu. See your handset user manual for more details.

## Using The System

### (1) Voice Dial:

If your mobile's handset is voice dial enabled, when in standby mode, press the **Ⓜ** key. When you hear a beep from your handset, say the voice tag.

#### Note:

BLU Logic does not have voice dial feature but is compatible with equipped phones.

A) Please make sure there are voice tags recorded into the mobile handset before using voice dialing function. This function is only applicable to mobile handsets with Handsfree Hands-Free Profile. Because of variations among different handsets you may not hear a beep. Please refer to your mobile handset's user guide for additional information.

B.) When streaming music, due to variations in different handset profiles, music streaming may not resume after the **Ⓜ**key is pressed.

### (2) Call Answer:

Press the **Ⓜ**key to accept a call, or answer via your mobile handset in the normal way.

### (3) Call End:

Press the **Ⓜ**key to end a call, or end via your mobile handset in the normal way.

### (4) Call Reject:

Press and hold the **Ⓜ**key for 2 seconds (approx.) until you hear a short beep, then release the **Ⓜ**key.

### (5) Last Number Re-Dial:

In standby mode, press **Ⓜ**key for 2 seconds (approx.) until you hear a short beep, then release the **Ⓜ**key.

#### Note:

When streaming music, due to variations of different handset profiles, music streaming may not resume after **Ⓜ**key is pressed.

### (6) Mute & Un-mute:

When a conversation is in progress, you can mute or un-mute the microphone so that the other party cannot hear you.

**To Mute:** Press and hold the **▲** **▽** keys simultaneously for 2 seconds (approx.) until you hear 1 beep from the speaker, then release.

**To Un-Mute:** Press and hold the **▽** **▲** keys simultaneously for 2 seconds (approx.) until you hear 1 beep from the speaker, then release.

### (7) Volume Adjustment:

When a conversation is in progress, press the volume up **▲** or down **▽** keys repeatedly until you reach the desired volume level.