



**USER MANUAL
HANDSFREE COMMUNICATION**

www.blulogicupdate.com

Table of Contents

Quick-Start Guide	4-5
Pairing Guide	6
Pairing Troubleshooting.....	8
Using The System	9-12
Connection.....	9
Disconnection.....	10
Voice Dial.....	10
Call Answer.....	11
Call End.....	11
Call Reject.....	11
Last Number Re-dial.....	11
Mute & Un-Mute.....	11
Volume Adjustment.....	11
Call Interchange.....	12
Call Waiting.....	12
Sound Quality.....	12
If You Need Assistance.....	13
Product Specification	14-15

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 is deemed to comply with without maximum permissibility 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 Hands-free 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.

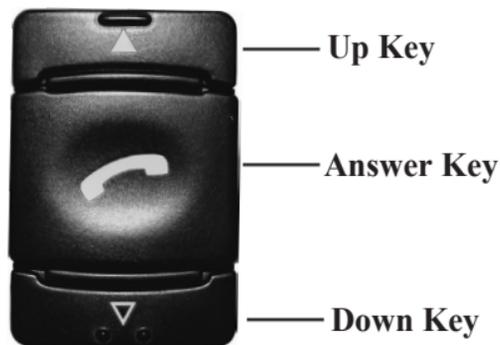
DO NOT program, attempt to program, adjust, or set up your BLU Logic unit while the vehicle is inside and the engine is on.

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).

Quick-Start Guide

BLU Logic is a hands-free phone system for your vehicle. BLU Logic connects to any hand held cellular phone device equipped with *Bluetooth*[®] Wireless technology hands free profile and eliminates the need to hold a handheld cellular phone, wear a headset, earpiece, or an in vehicle mounted hand-set adapter while making or receiving calls.

Device ID	BLU Logic XXXX
Pass Key	1234



Getting Started

First, your Hands-free equipped cellular 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 Hands-free equipped cellular phone will automatically connect or transmit to the BLU Logic unit every time it is on and within range (30ft/10 meters). The system will not operate while the vehicle's ignition is off, bluetooth service on cellular phone is off or when cellular phone is out of range. To Pair your phone, please see Pairing Guide on page 6.

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

Quick-Start Guide

Making and Answering Calls		
To	Key	Do
Answer a Call)	Short Press
Ending a Call)	Short Press
Reject a Call)	Press for 2 seconds and release when you hear 1 beep
Redial the Last Number)	Press for 2 seconds and release when you hear 1 beep
Voice Dialing)	Short Press
In a Call		
To	Key	Do
Adjust the Volume Up	▲	Short Press

Adjust the Volume Down	▽	Short Press
Transfer a Call to Handset)	Press for 4 seconds and release when you hear 2 beeps
Call Waiting	▲ or ▽	When a call waiting tone is heard press either volume button for 8 seconds (approx.) to switch to the other call.

Manual Pairing

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

Pairing Guide

Pairing your phone is simple, just follow these steps:

The system can pair up to 8 hand-sets.

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

1. Place your hand-set near the dash board no more than 3 feet/1 meter apart.
2. Press and hold **Œ**key down for 8 seconds (approximately) until you hear 3 short beeps (*this puts the system into pairing mode for 5 minutes*).
3. Activate your mobile hand-set's Hands-free accessing function by referring to your mobile hand-set user's guide for details. The hand-set will search for accessible Hands-free devices.

Note:

*For most phones, the pairing operation will be as follows:
Search for a new device → New → Handfree 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 hand-set. When pairing is completed, you may hear a long beep (*for most mobile hand-sets a headset icon will be shown on the screen*) followed by a four note increasing scale connection confirmation tone. For some phones you may have to perform an additional step to connect. Refer to your mobile hand set's user guide for details.

Note:

Phones using newer Bluetooth standards (V2.1+ or newer) may autopair without a passkey.

5. Press "Return" to go back to your hand-set'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 Guide

6. To pair another phone, repeat steps 1 through 5. If more than one phone will be used with the BLU Logic system, the pairing order of the phones will determine the order in which the phones will auto-connect to the vehicle. Please see pairing order illustration on right side and section “Using the System, Auto Connection Order” on Page 9.

Connection Note:

Some manufacturer's hand-sets do not allow automatic connection to Hands-free devices. If your hand-set 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,

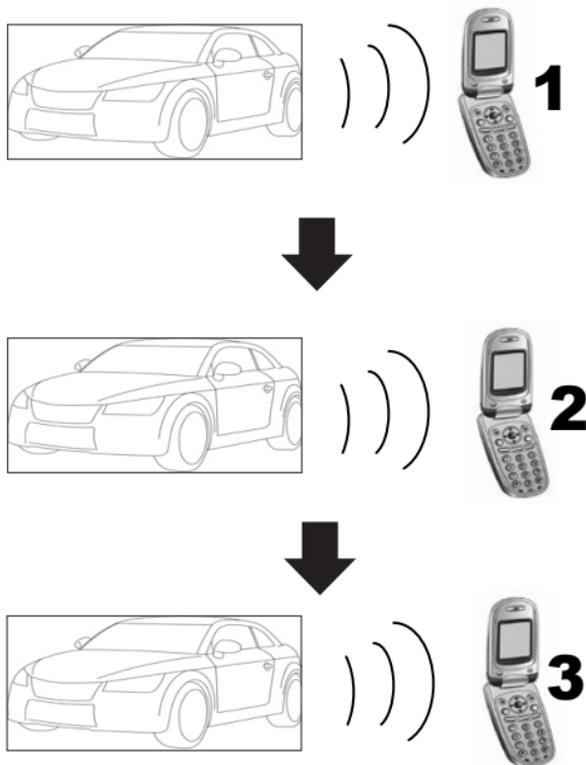
Device Authorized → YES,

Connection Authorized → YES,

or Trusted Device → YES.

Please refer to your hand-set's user manual for further details.

Pairing Order:



Pairing Troubleshooting

Cannot find the Hands-free menu:

Please refer to your hand-set user manual for assistance on various phones.

Hand-set will not pair:

1. Make sure both the phone and vehicle ignition are ON. Also make sure the phone battery is charged.

2. Ensure your mobile hand-set's Hands-free feature is activated and enabled. Please refer to your mobile hand-set's user guide for specific instructions.

3. Ensure the BLU Logic system is within a maximum of 3 feet/1 meter of your mobile hand-set 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 **M** key for 15 seconds (4 Beeps). 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 hand-set and try again. There is a possibility that your hand-set is paired to too many devices and exceeds the maximum number of connections.

The system can pair up to 8 hand-sets.

7. If all the above steps do not resolve your problem, power off the vehicle for 10 seconds and try again. BLU Logic is compliant with and adopts the Hands-free Specification V2.1. However, interoperability between the device and other Hands-free enabled products is not guaranteed because of various hand-sets features. Please check with the manufacturer for more information about compatibility & use of your Hands-free devices.

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

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

Please refer to the Connection Note mentioned on previous page.

Using The System

(1) Connection:

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

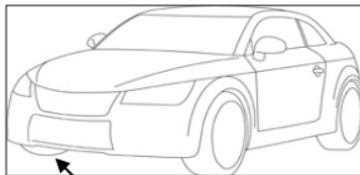
Note:

If the Hands-free connection/link is removed (for example: Mobile hand-set is powered off and then on, or you wander out and in of the 30ft/10 meter sensing range), and the system does not automatically reconnect to your handset, please manually activate the connection/link from your handset. See your handset user's manual for more details.

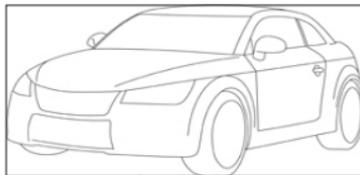
(2) AUTO CONNECTION ORDER:

The paired phone(s) will automatically connect in the order they were paired (see pairing order). The following are some examples of connection priorities:

All three phones in car, Phone 1 connects

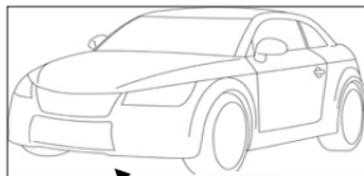


No Phone 1 in car, Phone 2 connects



Using The System

No Phone 2 in car, Phone 1 connects

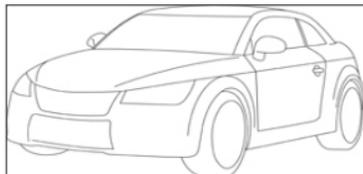


1



3

Only Phone 3 in car, Phone 3 connects



3

(3) Disconnection:

Follow these steps to disconnect the kit from the current paired hand-set.

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

(B.) If the phone does not automatically disconnect Select “disconnect” from your hand-set menu. See your hand-set user manual for more details.

Using The System

(1) Voice Dial:

If your mobile's hand-set is voice dial enabled, when in standby mode, press the **1** key. When you hear a beep from your hand-set, say the “voice tag”.

Note:

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

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

Using The System

(2) Call Answer:

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

(3) Call End:

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

(4) Call Reject:

Press and hold the **Ⓜ**key for 2 seconds (approximately) 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.

(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.

Using The System

(8) Call Interchange:

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

System to Hand-set: Press **]**key for 4 seconds and release when you hear 2 beep's.

Hand-set to System: Press **]**key for 4 seconds and release when you hear 2 beep's or restart the vehicle.

Note:

This could vary owing to various hand-sets features.

(9) Call Waiting:

When a call waiting tone is heard from your hand-set, press either the volume up **▲** or volume down **▽** button for 8 seconds (approx.) to switch to the other call. Repeat the same procedure to switch back to the first call.

(10) Sound Quality

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 towards the front of the vehicle, do not shout
- Project your voice clearly towards the front of the vehicle, do not shout. Sound Quality may be effected by the following:
- Background noise
- Road conditions
- Vehicle speed
- Wireless carrier performance
- Wireless hand-set performance

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

(11) 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). In Canada contact our Toyota Canada Customer Interaction Centre at 1-888-TOYOTA-8 or 1-888-869-6828.

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.

Product Specifications

Hands-free Specifications	Version 2.1 + EDR; Class 2, 10 Meters/ 30 ft.
Hands-free Profile Supported	HSP1.1, HFP1.5
Operating Frequency Band	2.402 to 2.480GHz unlicensed ISM band
Multi-Pairing	Up to 8 Hands-free devices
Hands-free 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

Product Specifications

Microphone (including amplifying circuit)	Category: Omni Directional Sensitivity: -56dB \pm 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"
Reference # 99-9550-000	Rev. 6



BLU[™]
HANDSFREE SOLUTIONS
LOGIC

