Motorcycle Communication System BAT-01 User Manual
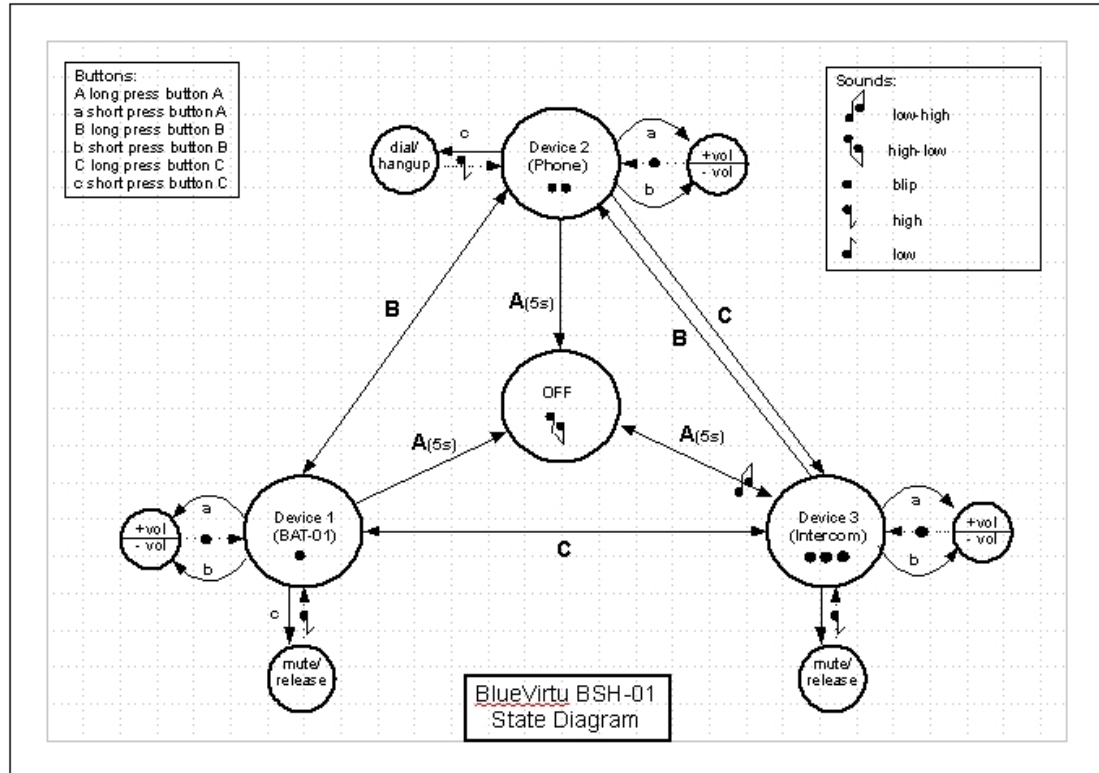
Getting Start

- BAT-01 connections- hooking up your non-Bluetooth gear
- State diagram- navigating your way around the various connected devices
- Navigation 101- some simple rules to keep track of where you are
- The panic button- if all else fails
- Channel priorities
- Radio transceiver

Pairing mode C (BAT-01 audio transmitter):
Turn the power on, then press the pairing button for 3~5 seconds until green/red flash.
BAT-01 only can be paired with headset automatically.

BAT-01 connections

The following diagram maps out the normal operating states of the BSH-01, the buttons to press to select them, and the sounds you hear when you get there.

BlueVirtu BSH-01
State Diagram

Navigation 101

This assumes you have the standard configuration with a BAT-01 on device 1, your Bluetooth phone on device 2, and a second BSH-01 on device 3.
Refer to the **state diagram** until you get used to operating your BlueVirtu system.

Switching to device 3 (intercom)

- If you are not currently connected to device 3, press button C to connect (3 beeps).

Switching to device 2 (phone)

- If you are not currently connected to device 2, press button B to connect (2 beeps).

Switching to device 1 (BAT-01)

- If you are currently connected to device 2 (phone), press button B to connect (1 beep).
- If you are currently connected to device 3 (intercom), press button C to connect (1 beep).
- If you aren't sure which device you are currently connected to, 1 or 2 presses of either button B or C will get you home (1 beep)

Switching to an unassigned device

- If you attempt to switch to a device which has not been assigned to a paired device, the connection will immediately revert back to the current device.

Switching to an assigned but unavailable device

- If you attempt to switch to a device which has been paired but is currently not available, the BSH-01 will search for about 10 seconds for that device.
- During the search, the blue LED will flash rapidly.
- If found, the new connection will be made.
- If not found, the connection will revert back to the current device.
- In either case, the number of beeps will tell you where you end up!

Channel priorities

There are 6 possible sound sources in a typical BlueVirtu configuration.
It could get real messy with them all on at the same time!
But the system sorts that out for you by assigning priorities to all the channels, and switching to the highest priority active channel at any time.
You can also manually select a device and park on it for outgoing calls (intercom, phone, radio).

Priorities	Device	Source	Tones	Comments
1 highest	3	BSH-01 intercom	Blip-Blip-Blip	Tap button C on either BSH-01 to open/close this channel
2	2	Bluetooth phone	Blip-Blip	Opens automatically on incoming call, hold button B to manually switch to this channel
3	1	BAT-01	Blip	the 'background' device
3.1		Phone		mutes any lower priority sources until quiet for about 5 seconds
3.2		Radio		mutes any lower priority sources until quiet for about 5 seconds
3.3		Audio 1		mutes any lower priority sources until quiet for about 5 seconds
3.4 lowest		Audio 2		mutes any lower priority sources until quiet for about 5 seconds

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

Stacking your sounds up

provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not

You can make use of these priorities to build your system.up.
Think of it like a building, starting from the basement, with each level having higher priority than the ones below

installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not

Level	Device	Typical audio source
6	3 BSH-01	Intercom
5		Bluetooth mobile phone
4	1 BAT-01 phone	Non-Bluetooth mobile phone
3	1 BAT-01 Radio	VHF or PRS radio transceiver
	1 BAT-01 Audio 1	GPS navigator or radar detector
Basement	1 BAT-01 Audio 2	MP3 player for background music

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.

Radio transceiver

-Consult the dealer or an experienced radio/TV technician for help.

- Once you have paired up with your BAT-01 on device 1, connected your VHF or PRS radio, connected your PTT (push to talk) button, selected your desired channel or frequency, you are ready to roll.

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

- Incoming radio traffic will switch you to device 1 (assuming no higher priority device active) with 1 beep. Press the PTT to transmit. Wait a second between pressing the PTT and talking to ensure your first word/s are not lost in transmission.

Any changes or modifications (including the antennas) made to this device that are

- For outgoing radio calls, hold button B or button C once or twice to switch through to device 1 (1 beep), then use your PTT to transmit.

not expressly approved by the manufacturer may void the user's authority to operate the equipment.

You will need to adjust your squelch control to prevent the transceiver from hogging the BAT-01 inputs and never reverting to background music on the audio 1 or 2 inputs

Guidelines for safe use

- Do not expose your product to fire or extreme high temperature.
- Do not inverted battery.

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 Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator andyour body.

Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

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.