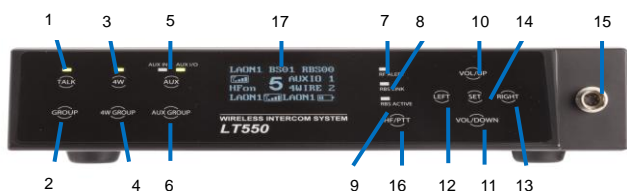


LT550 WIRELESS INTERCOM EXPERT SYSTEM QUICK REFERENCE

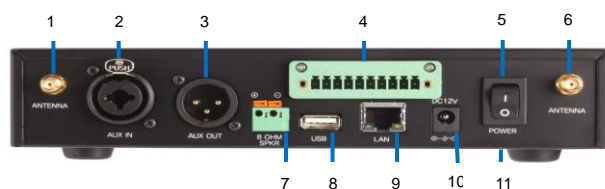
15 October 2013 Rev. 2.0

LTWI-BS550 BASE STATION CONTROLS AND CONNECTIONS



Front panel of the Base Station, LTWI-BS550

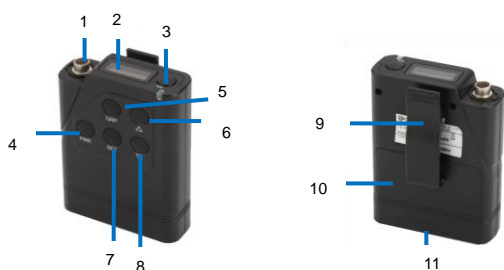
1. Headset TALK button with indicator light
2. Headset communication group button
3. 4-Wire button with indicator light
4. 4-Wire communication group button
5. AUX IN, AUX IN/OUT button with indicator light
6. AUX IN, AUX IN/OUT communication group button
7. RF ALERT indicator light
8. Remote Base Station LINK Indicator light
9. Remote Base Station ACTIVE indicator light
10. Headset speaker volume control (UP)/Menu selection button
11. Headset speaker volume control (DOWN)/Menu selection button
12. Menu selection button (LEFT)
13. Menu selection button (RIGHT)
14. Menu SET button
15. Headset cable connector
16. Hands Free/PTT mode selection button
17. OLED Display



Rear panel of the Base Station, LTWI-BS550

1. Antenna connector
2. AUX IN connector
3. AUX OUT connector
4. 4-Wire and Multiple Base Station connector
5. Power switch
6. Antenna connector
7. 8-OHM speaker 2-pin spring clamp connector
8. USB connector
9. LAN RJ-45 connector
10. Power connector
11. Wall-mount bracket holder (Bottom)

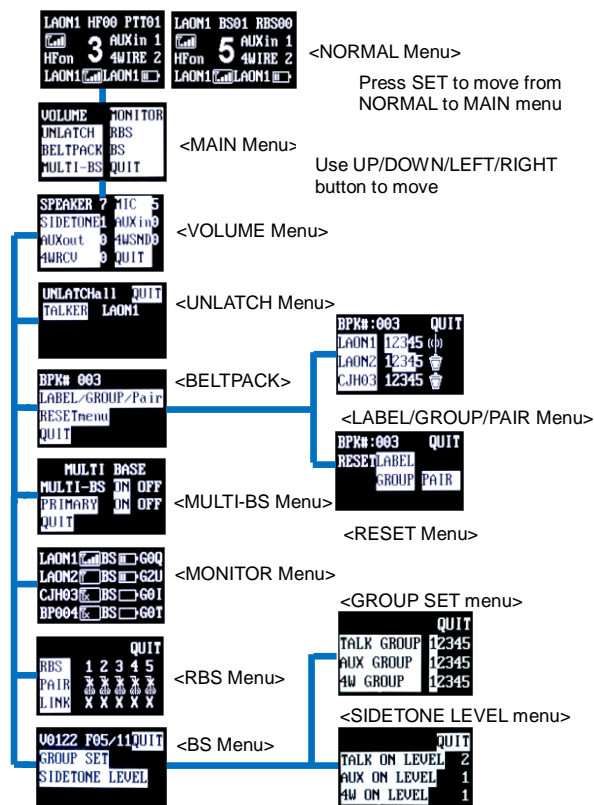
LTWI-BP550 BELT PACK CONTROLS AND CONNECTIONS



Front and rear panel of the Belt Pack, LTWI-BP550

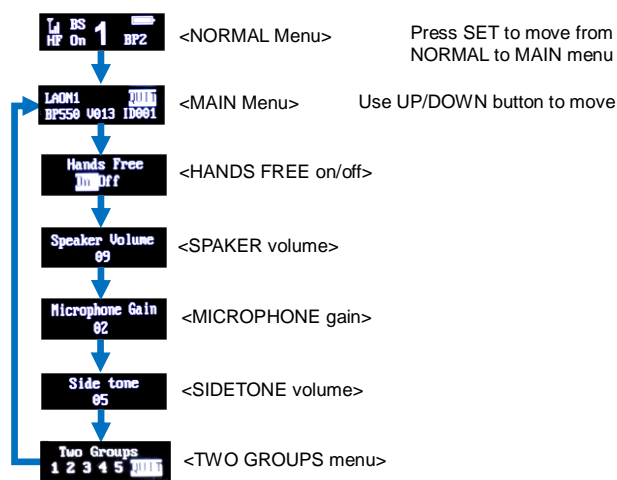
1. Headset cable connector
2. OLED display
3. Headset TALK button with indicator light
4. Power (PWR) button
5. Headset communication group (GRP) button
6. Headset speaker volume control (UP) / Menu selection button
7. Menu SET button
8. Headset speaker volume control (DOWN) / Menu selection button
9. Belt clipper
10. Battery cover
11. Charger terminals (Bottom)

BASE STATION DISPLAY MENU



Pressing SET for 2 seconds on any menus will lead you to the NORMAL menu.

BELT PACK DISPLAY MENU



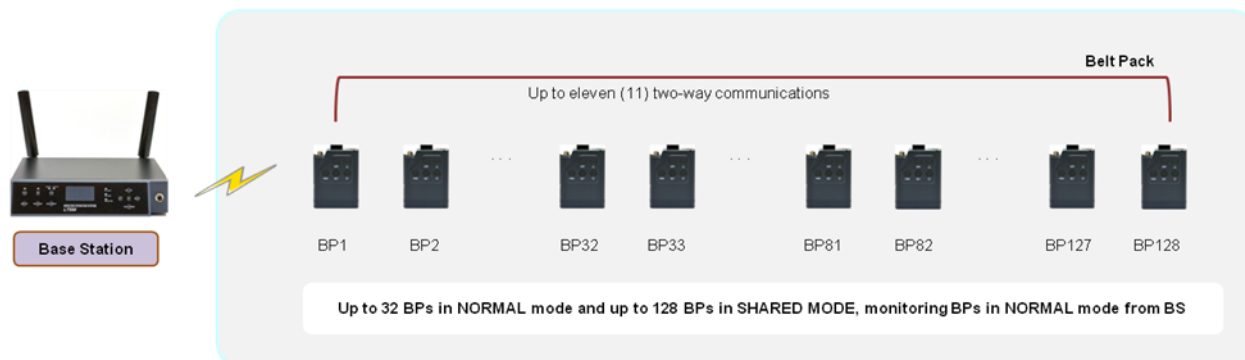
Pressing PWR button slightly on any menus will lead you to the NORMAL menu.




VOICE MESSAGES

Base Station: "Beep", "Maximum", "Minimum", "Group one", "Group two", "Group three", "Group four", "Group five", "Group all"

Belt Pack: "Power on", "Power off", "Hands free on", "Hands free off", "Beep", "Maximum", "Minimum", "Audio channel is busy", "Unlatched", "Change battery", "Out of coverage", "Group one", "Group two", "Group three", "Group four", "Group five"

CONNECTIONS, SETUP AND OPERATIONS (STAND-ALONE LT550 CONFIGURATION)



1. Confirm all the equipments are prepared. LTWI-BS550 Base Station with Antenna, Power cord and Adapter, LTWI-BP550 Belt Packs with Battery and LAON provided Headsets are the very basic equipments required for the actual operating. Either LAON designated fully charged battery pack, LTWI-BAT50 or fresh AA 1.5V alkaline batteries can be used for Belt Pack.
2. Select the best location available in the site to place the Base Station with Antenna where is in the center of the coverage as high as possible and away from any obstructions such as wall, metal reflector and electric equipments that may affect or create radio interferences.
3. Put up two Antennas and plug the power cable to the Base Station. Make sure the Antenna is connected firmly and positioned upright.
4. One of the communication manager may use and operate LTWI-BS550 Base Station by connecting a Headset to the Base Station. Connect a Headset to the Base Station and toggle the power switch to turn on the Base Station. The indicator light on top of the TALK button will be slowly flashing in green and the NORMAL menu will be displayed on the front panel of the Base Station once the 'DFS detecting' is completed.
5. When initially using, the Base Station and Belt Packs should go through a paring process. Make sure that the Belt Pack should be near from the Base Station not going further than 1 meter (3 feet) from the Base Station as possible while processing the paring up. Press SET while the NORMAL menu is displayed on the Base Station to move to the MAIN menu and select Belt Pack menu under the MAIN menu by pressing UP or DOWN button.
6. Set the maximum number of Belt Packs you want to pair up with the Base Station by selecting 'BPK#' in the first row of Belt Pack menu and enter the number with UP or DOWN button. Save the input with SET button and move to LABEL/GROUP/PAIR menu.
7. Move to the Belt Pack Label column in the second row with LEFT or RIGHT button and input a distinguished name for the Belt Pack to be paired up with UP or DOWN button. The display shows alphabets and numbers sequentially. Press SET to save and move to the next column, Communication Group numbers, and select single or multiple, up to five(5) desired group numbers as you want to allocate to the applicable Belt Pack by pressing SET button on each number one by one.
8. Connect a Headset to Belt Pack end to be paired up. Reboot the Belt Pack power if it is turned on, and turn on if it is turned off.
9. Go back to the Base Station. On the menu display, move on to the paring icon,  next to the Communication Group number section and press SET on it to execute paring then the icon will be changed to .
10. Make sure the NORMAL menu is displayed on the Belt Pack top panel. While you press and hold the PWR (Power) button of the Belt pack, quickly press the SET button and release both buttons. By doing this, the Belt Pack will be in pairing mode as well and the message, "Pairing..." appears on the Belt Pack display.
11. If the paring is completed properly, the Belt Pack display shows the paired up Belt Pack Label and ID number and the message, "Paring Completed" appear within 20 seconds. And, paring icon,  is displayed in the Base Station menu display. Repeat the same process for each additional Belt Pack. If the paring is failed, the message "Paring Failed" appears in the Belt Pack display after 20 seconds. Try the paring process again after rebooting the Belt Pack. If any changes are made on the Belt Pack Label and Communication Groups, the paring process should be done again to reflect the changes.
12. On the Main Menu of the Base Station, move to BS menu for the Communication Group setting of the Base Station's Headset. Move to 'GROUP SET' under the BS menu and select 'TALK GROUP' for the setup of Base Station Headset and select single or multiple, up to five(5) desired group numbers as you want to allocate to the Base Station. Select QUIT to save and back to the MAIN menu.
13. When communicating between the Base Station and Belt Packs which have been paired up, make sure the Belt Packs should go further than 2 meter (6.5 feet) from the Base Station.

HANDS FREE / PUSH-TO-TALK(PTT) MODE SETUP AND OPERATION






For Base Station, select the desired mode with HF/PTT button on the front panel. In hands free mode, press TALK button for 'Listen and Talk' mode then the green light will be on steady. By pressing TALK button again, it will be changed to 'Listen only' mode with the green light flashing. In PTT mode, press and hold the TALK button while speaking.

For Belt Pack, move to HANDS FREE display menu under the MAIN menu with UP or DOWN button and select a desired mode. In hands free mode, press TALK button for 'Listen and Talk' mode then the green light will be on steady. By pressing TALK button again, it will be changed to 'Listen only' mode with the green light flashing. In PTT mode, press and hold the TALK button while speaking.

VOLUME LEVEL ADJUSTMENT: For Base Station's speaker, microphone gain and side tone level adjustment, move to the VOLUME menu under the MAIN menu of the Base Station display and adjust each level. For Belt Pack's speaker, microphone gain and side tone level adjustment, move to each applicable menu under the MAIN menu of the Belt Pack display. Press SET button to enter into the EDIT mode and then adjust the level with UP or DOWN button.

COMMUNICATION GROUP SELECTION: To select the desired Communication Group or Groups to communicate within the allocated groups, press GROUP/GRP button on the front panel of the Base Station and Belt Pack. In case of the Base Station, the group will be changed sequentially from '1' to '5' and 'A'(All) by each pressing. In case of the Belt Pack, the group will be changed from '1' to '5' by each pressing.

PARING ICONS

 : Factory default status with no input of paring data  : Data edited and being ready to execute paring
 : Paring processing  : Paring failed  : Paring completed - Base station can communicate with Belt pack from this stage.