

Digital UHF

Wireless Portable Sound System



DigiLINE 550 | 570
DigiLINE 650 | 670
DigiLINE 820 | 828
DigiLINE 850

[USER MANUAL]

Manufacturer's Declaration

■ This product meets the following standards:

◆ Federal Communications Commission Interference Statement

- Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- FCC INFORMATION
- The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:
 - The 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 instruction, may cause harmful interference to radio communication. However, there is no grantee 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 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.
- IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

◆ WEEE Statement

Electrical and electronic equipment must be disposed of at the end of their lifespan separately from household waste.
Please dispose of this equipment at your local waste collection or recycling center. Please help to protect our environment.



◆ Safety and Electromagnetic Emissions Certificates

Standard Compliance

- RoHS compliant

Certificates

- CE
- FCC
- NCC

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Battery Maintenance Guideline

Before using the portable sound system, please pay attention to maintenance guideline below.

◆ **Fully charge the system before first use**



After the system is unpacked for the first time, it is necessary to charge the system for about 8 hours as its built-in rechargeable batteries might potentially be discharged during transportation or storage.

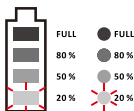
Note do not operate the system when 1st charging.

◆ **Charge the system regularly**



After first use, make sure the system is charged regularly every month. Importantly, batteries need to be fully charged BEFORE the system is stored and won't be used for a longer period of time. Even the system is stored without use for long period of time, do remember to recharge it every 3 months to extend its battery life.

◆ **Charge immediately when battery power is low**



The system has DOD (Depth of discharge) protection design. When battery-meter indicator flashes red (<20%), please recharge the system immediately to avoid any potential battery damage.

◆ **Stop charging when overcharging happens**



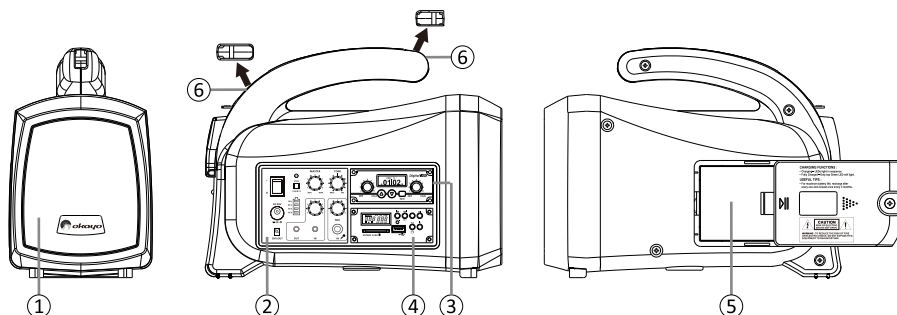
The system has protection circuitry against overcharge. This circuitry will stop charging when the battery is fully charged even its power cord is plugged.

◆ **Avoid heat and high humidity**



Do not expose the system in the sunshine or any other hot and humid environment for a long period of time. Store the system indoors at moderate temperature.

■ Illustration



① Woofer (5")

② Control panel (see next paragraph)

③ Duo receiver DLR-9

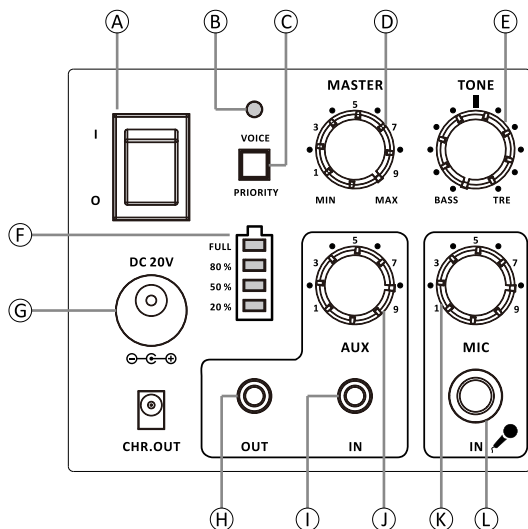
④ Audio player UM-502

⑤ Built-in battery

- DL-550: Lead-Acid rechargeable battery
- DL-570: Lithium rechargeable battery

⑥ Strap buckle

■ Control panel



① Power switch

② Voice priority indicator

③ Voice priority button

④ Master volume control

⑤ Tone control

⑥ Battery meter

⑦ DC input

⑧ Aux out, 3.5 mm

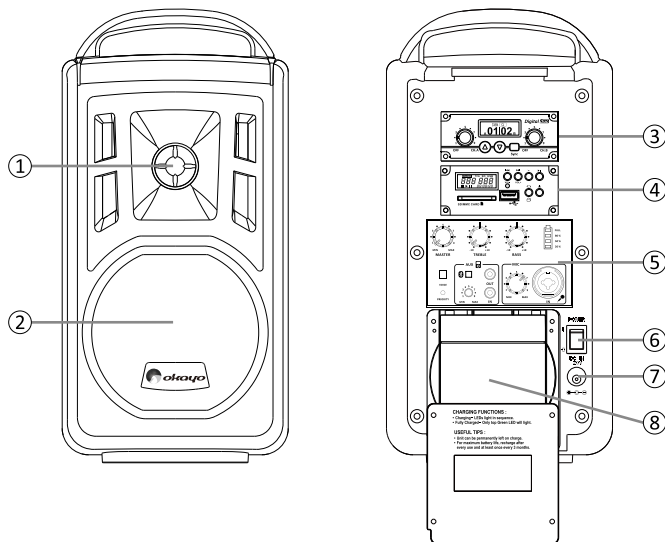
⑨ Aux in, 3.5 mm

⑩ Aux-in volume control

⑪ Mic-in volume control

⑫ Mic in, 6.3 mm

■ Illustration



① Tweeter (1")

② Woofer (5")

③ Duo receiver DLR-9

④ Audio player UM-502

⑤ Control panel (see next paragraph)

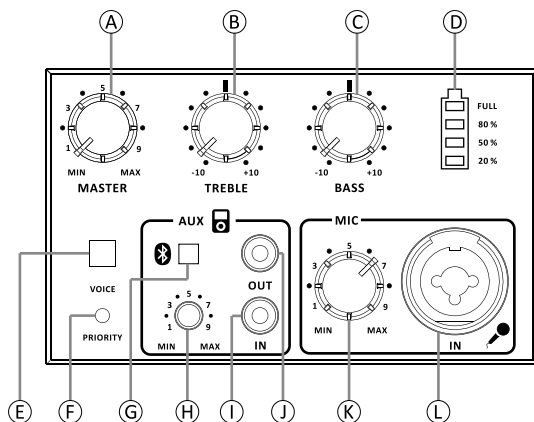
⑥ Power switch

⑦ DC input

⑧ Built-in battery

- DL-650: Lead-Acid rechargeable battery
- DL-670: Lithium rechargeable battery

■ Control panel



① Master volume control

② Treble control

③ Bass control

④ Battery meter

⑤ Voice priority button

⑥ Voice priority indicator

⑦ Bluetooth button / indicator

⑧ Aux-in volume control

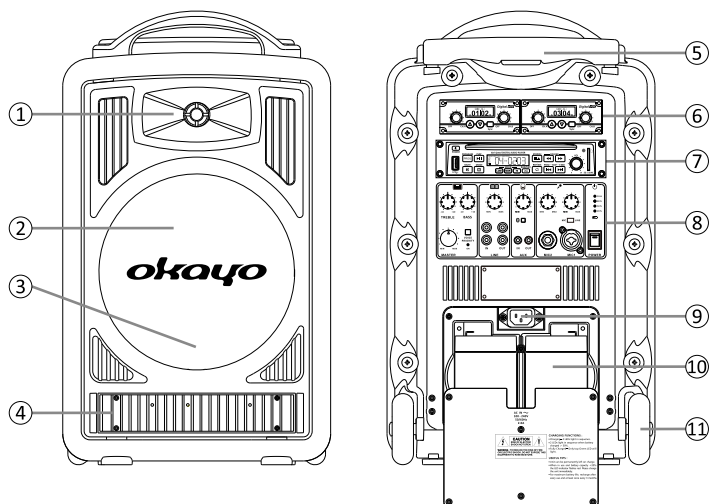
⑨ Aux in, 3.5 mm

⑩ Aux out, 3.5 mm

⑪ Mic-in volume control

⑫ Mic in, 6.3 mm / XLR

■ **Illustration**



① Tweeter (1")

② Woofer (8")

③ Bluetooth indicator

④ Ventilator

⑤ Trolley handle

⑥ Duo receiver DLR-9

⑦ Audio player CD-800S+

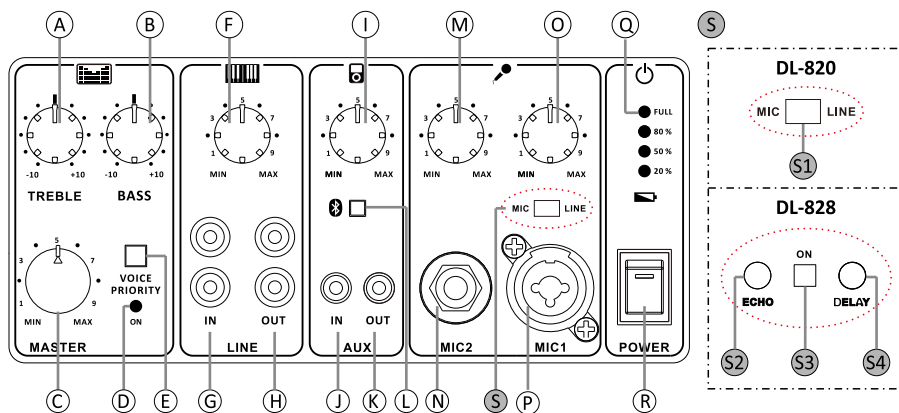
⑧ Control panel (see next paragraph)

⑨ AC input

⑩ Lead-Acid rechargeable battery

⑪ PU wheels

■ **Control panel**

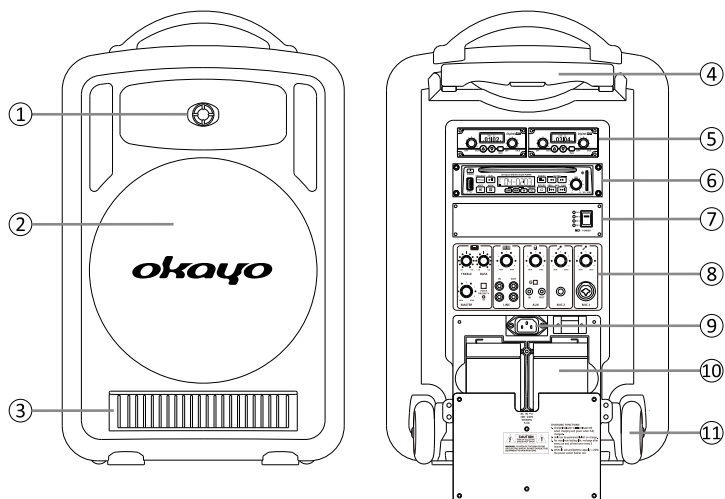


- (A) Treble control
- (B) Bass control
- (C) Master volume control
- (D) Voice priority indicator
- (E) Voice priority button
- (F) Line-in volume control
- (G) Line in, RCA
- (H) Line out, RCA
- (I) Aux-in / Bluetooth volume control
- (J) Aux in, 3.5 mm

- (K) Aux out, 3.5 mm
- (L) Bluetooth button / indicator
- (M) Mic-in volume control of MIC2
- (N) Mic in, 6.3 mm
- (O) Mic-in volume control of MIC1
- (P) Mic in, 6.3 mm / XLR
- (Q) Battery meter
- (R) Power switch

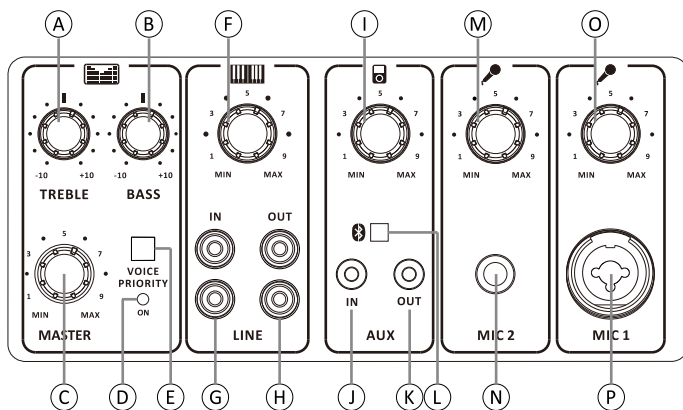
- (S) DL-820 Mic / Line switch
- (S1) DL-820 Mic / Line switch
- (S2) DL-828 ECHO volume control
- (S3) DL-828 ECHO switch
- (S4) DL-828 Delay time control

■ Illustration



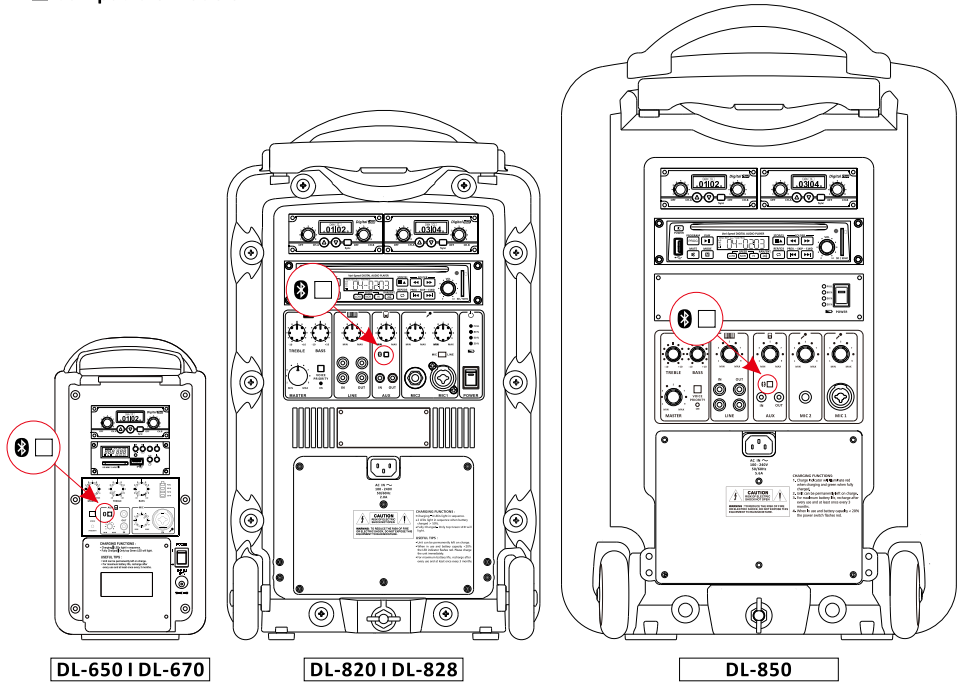
- ① Tweeter (1")
- ② Woofer (10")
- ③ Ventilator
- ④ Trolley handle
- ⑤ Duo receiver DLR-9AF
- ⑥ Audio player CD-800S+
- ⑦ Power switch with battery meter
- ⑧ Control panel (see next paragraph)
- ⑨ AC input
- ⑩ Lead-Acid rechargeable battery
- ⑪ PU wheels

■ Control panel



- ① Treble control
- ② Bass control
- ③ Master volume control
- ④ Voice priority indicator
- ⑤ Voice priority button
- ⑥ Line-in volume control
- ⑦ Line in, RCA
- ⑧ Line out, RCA
- ⑨ Aux-in / Bluetooth volume control
- ⑩ Aux in, 3.5 mm
- ⑪ Aux out, 3.5 mm
- ⑫ Bluetooth button / indicator
- ⑬ Mic-in volume control of MIC 2
- ⑭ Mic in, 6.3 mm
- ⑮ Mic-in volume control of MIC 1
- ⑯ Mic in, 6.3 mm / XLR

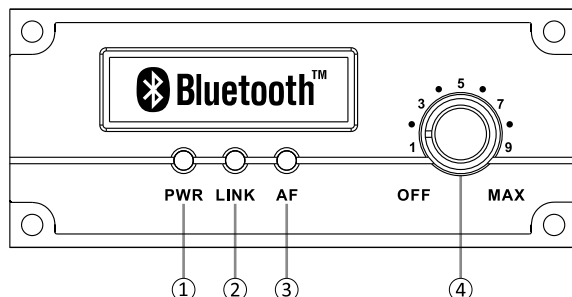
Compatible models



Operation

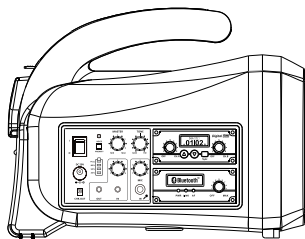
1. Press the Bluetooth button to turn the function on.
2. Its indicator lights up in blue and the prompt tone will be heard which means the system is ready to be paired with other Bluetooth device.
3. Activate the function of Bluetooth connection on your smartphone or tablet device.
4. Select the Bluetooth named “Okayo PA” in your list and a prompt tone is heard again.
5. Now, you are ready to stream audio between your device and okayo's DigiLINE system.
6. To turn Bluetooth off, simply press the Bluetooth button again and its indicator will light off.

■ Illustration



- ① Power indicator
- ② Bluetooth indicator when being connected
- ③ Audio indicator
- ④ Power / Volume switch

■ Compatible models

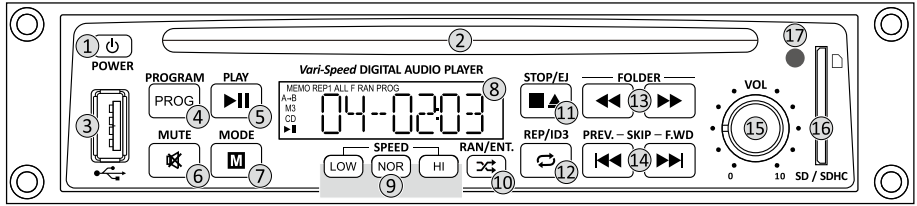


DL-550 | DL-570

■ Operation

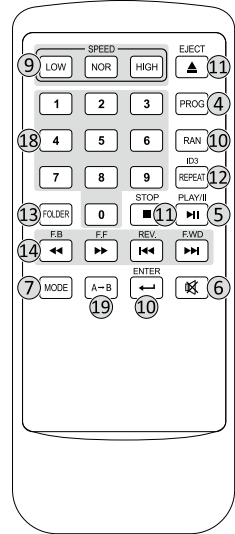
1. Tune the power switch clockwise to turn the module on.
2. Power indicator lights up in blue and Bluetooth indicator starts to flash which means the system is ready for being paired with other Bluetooth device.
3. Activate the function of Bluetooth connection on your smartphone or tablet device.
4. Select the Bluetooth named "**Okayo PA**" in your list and a prompt tone is heard again.
5. Now, you are ready to stream audio between your device and okayo's DigiLINE system.
6. To turn Bluetooth off, simply tune the power switch counter-clockwise.

■ Illustration



- ① Power button
 - Press this button to power on.
- ② CD loading slot
 - CD will automatically be inserted.
- ③ USB port
 - Connect with USB flash drive.
- ④ Program button
 - Bespoke track list and sequence (max. 10) can be programmed.
 - A Press **PROG**.
 - B Select **⏮** or **⏭** to find the track.
 - C Press **RAN/ENT** / **ENTER** to confirm the track and programmed track number 01 ~ 10 will showup (max. 10).
 - D To start the programmed track sequence, simply press **▶** and "MEMO" will show up on the screen to indicate successful track programming.

⚠ If **PROGRAM** / **PROG** is pressed at step ④, the programmed track sequence will be deleted automatically.



- ⑤ Play (▶) / Pause (⏸) bouton
 - Play or pause the track.
 - Last track will be memorized before the player is off. When this player is turned on again, this track will automatically start to play from the time where it leaved earlier.
- ⑥ Mute button
 - Mute the track.
- ⑦ Mode button
 - Switch among 3 audio sources, incl. CD, USB and SD card.
 - Either of above media is read, the player will start to play the track automatically. If both USB drive and SD card are removed, the player will switch to CD player and also play its track automatically.
- ⑧ Display
 - Backlit screen to show player status.

<div>MEMO REPT ALL F RAN PROG A-B M3 CD</div> <div>04--0203</div>	
MP3 media M3 <div>10 10-57</div> 10 folders, 57 tracks <div>10 10-0203</div> Play time of track No. 10	Audio Cds CD <div>∞ 20--0000</div> 10 tracks <div>∞ 20--0203</div> Play time of track No. 20

⑨ Low / Normal / High speed buttons



- Increase playback speed by 5 steps (max. 10). Press once at a time to increase.



- Return to normal speed.



- Decrease playback speed by 5 steps (max. 10). Press once at a time to decrease.

⑩ Random / Enter (Confirmation) button

- Play tracks in random sequence.
- Confirm the track selection at

⑪ Stop / Eject button

- Stop the track or eject the CD.

⑫ REP / ID3 button

- REP: 3 repeating ways are available.
 - Ⓐ "REP1" – repeat of the track
 - Ⓑ "REP1 F" – repeat of the folder
 - Ⓒ "ALL" – repeat of all tracks
- ID3: Press and hold this button for 3 seconds during playback. Track information, incl. track title, artist and album will scroll through the display.



**** will show up if the characters are not recognized by the player.
 "ID3" is available only for MP3 media.

⑬ Folder buttons

- Select another folder, if available, upon preference.

⑭ Track skipping / fast forward / fast backward

- On the player
 - Ⓐ Short press this button to go to previous or next track.
 - Ⓑ Press and hold this button to fast forward or backward.
- On remote control
 - Ⓐ Short press this button to go to previous or next track.
 - Ⓑ Short press this button to fast forward or backward.

⑮ Volume knob

- Rotate this knob to adjust the volume at appropriate level.

⑯ SD / SDHC card slot

- Insert appropriate SD / SDHC card.

⑰ IR sensor of the remote control

⑱ Numeric buttons for track selection

- Track number can manually be typed in and then press to confirm the track.

⑲ A→B repeat button

- Press this button (symbol "A→B" will flash on the display) at the start and end of a track to intercept a section of a specific track for loop playback until this button is pressed again (symbol "A→B" will stop flashing on the display) to leave this loop.

■ Remote control

- ◆ Be sure to have the remote control to face and be within the range (3 meters) of IR sensor (⑰) for optimal operation.
- ◆ A 3V button battery CR2025 is supplied with the remote control. To firstly use it, follow steps below to remove the protective film which is offered during transportation and storage to prevent any potential discharging. To replace the battery, please also follow same steps.

- **Step 1**

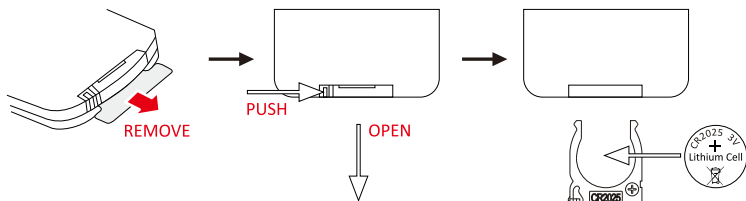
Remove the protective film before using the remote control.

- **Step 2**

To take the battery out, push the latch to the right as arrowed below to open it.

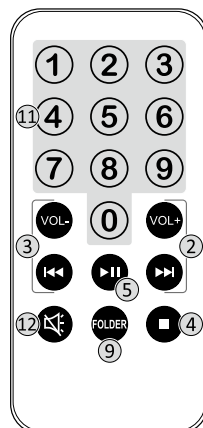
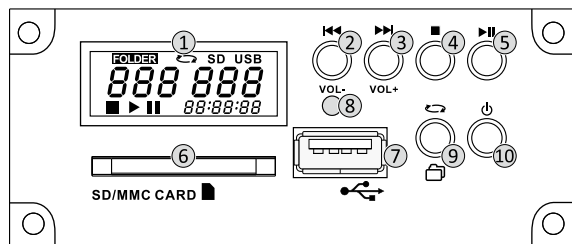
- **Step 3**

Make sure battery type (CR2025) and polarity are correct when battery power is low and you intend to replace another new one.

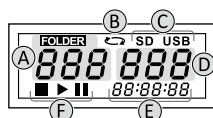





Remove the battery from the remote control if it will not be used for long time to prevent damages from battery leakage.

■ Illustration





① Display





- Ⓐ Folder
- Ⓑ Repeat
 -  - repeat of the track
 -  - repeat of all tracks in the folder
 -  - repeat of all tracks in all folders

- (C) Audio source: SD or USB
- (D) Track number
- (E) Playing time
- (F) Stop (■) / Play (▶) / Pause (⏸)

② Previous track skipping / Volume down

- When the track is playing
Press the button to decrease volume ($\mu OL \emptyset$ (mute) ~ 10).
- When the track is paused or stopped
 - Press .
 - Press  to select the track.
 - The track will automatically start to play afterwards.

③ Next track skipping / Volume up















- When the track is playing
Press the button to increase volume ($\text{VOL } 0 \text{ (mute)} \sim 10$).
- When the track is paused or stopped
 - Press .
 - Press  to select the track.
 - The track will automatically start to play afterwards.

④ Stop button

- Stop the track.

⑤ Play (▶) / Pause (⏸) button

- Play or pause the track.
- Last track will be memorized before the player is off. When this player is turned on again, this track will automatically start to play from the beginning.

- ⑥ SD / MMC card slot
 - Insert appropriate SD / MMC card.
- ⑦ USB port
 - Connect with USB flash drive.
- ⑧ IR sensor of the remote control
- ⑨  (Repeat) /  (Folder) button
 - When the track is playing
 - a) Press  (Repeat).
 - b) Press  or  to switch among 3 repeating ways.
 -  - repeat of the track
 -  - repeat of all tracks in the folder
 -  - repeat of all tracks in all folders
 - c) Press  to confirm the selection and leave the adjustment.
 - When the track is paused or stopped
 - a) Press  (Folder).
 - b) Press  or  to select the folder.
 - c) Press  to confirm the selection and leave the adjustment.
- ⑩ Power button
 - Press this button to power on.
- ⑪ Numeric buttons for track selection
 - Track number can manually be typed in and then press  to confirm the track.
- ⑫ Mute button
 - Mute the track.

■ Remote control

- ◆ Be sure to have the remote control to face and be within the range (3 meters) of IR sensor (⑧) for optimal operation.
- ◆ A 3V button battery CR2025 is supplied with the remote control. To firstly use it, follow steps below to remove the protective film which is offered during transportation and storage to prevent any potential discharging. To replace the battery, please also follow same steps.

● Step 1

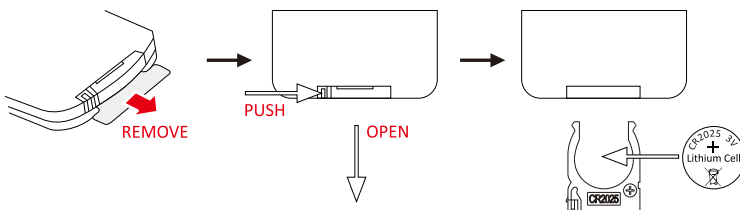
Remove the protective film before using the remote control.

● Step 2

To take the battery out, push the latch to the right as arrowed below to open it.

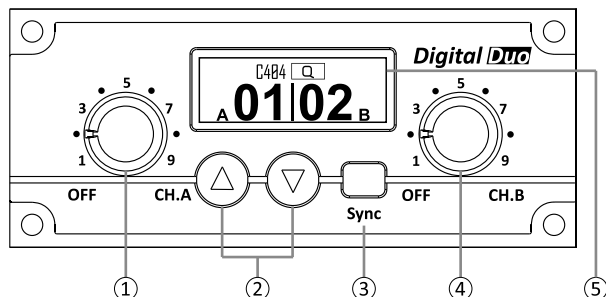
● Step 3

Make sure battery type (CR2025) and polarity are correct when battery power is low and you intend to replace another new one.



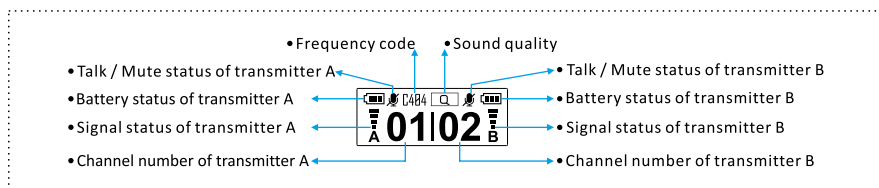
Remove the battery from the remote control if it will not be used for long time to prevent damages from battery leakage.

■ Illustration



- ① Power switch and volume control for channel A
- ② △ (Up) / ▽ (Down) button
- ③ Sync button
- ④ Power switch and volume control for channel B
- ⑤ Backlit screen

■ Display



■ General operation

◆ Power on

Tune the power switch of channel A or channel B clockwise until a click occurs.

◆ Adjust channel on channel A or channel B

Last selected channel shows up on channel A or channel B when the duo receiver is on.

Press and hold the △ (channel A) or ▽ (channel B) button for 1 second until its channel number flashes. Then, press the △ or ▽ button to select another preferred channel. Newly selected channel will automatically be confirmed after being idled for 2 seconds and stop flashing.

◆ Check frequency of selected channel

Short press the △ (channel A) or ▽ (channel B) button to check the frequency of selected channel.

◆ Adjust volume to appropriate level

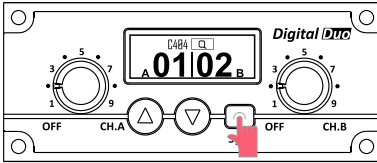
Simply tune the volume control clockwise to adjust the volume.

◆ Power off

Tune the power switch of channel A or channel B counter-clockwise until a click occurs.

■ **Advanced operation**

◆ **Channel sync**

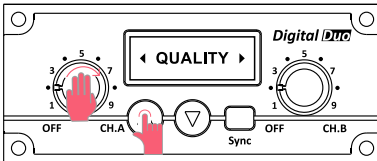


1. Press the **Sync** button when the duo receiver is on.
2. **01** shows up on channel A for 10 seconds to search for a new and clean channel.
3. When this new and clean channel is found, channel number **01** shows up. Now, turn 1st transmitter on within 20 seconds for channel pairing.
4. After 1st transmitter is paired, **02** shows up on channel B for 10 seconds to search for another new and clean channel.
5. When another new and clean channel is found, channel number **02** shows up. Turn 2nd transmitter on within 20 seconds for channel pairing.
6. **0102** shows up and the channel-sync is done.

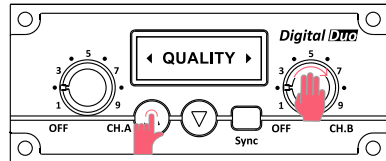


Make sure the distance between receiver and transmitter is within 1 meter when channel-sync is in progress.


◆ **Setting menu**



or

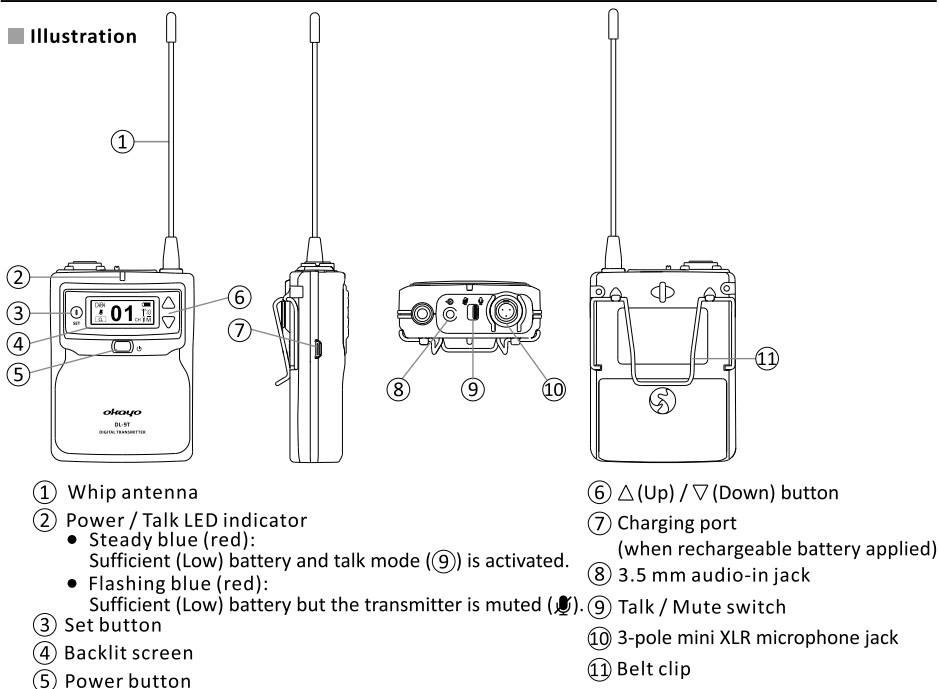


1. Press and hold the **△** button to turn the duo receiver on.
2. Setting menu (see the table below) is entered now for custom adjustments.
3. Press the **△** or **▽** button to scroll options.
4. Press the **Sync** button to confirm your selection.
5. To leave the menu, select “EXIT” and press the **Sync** button.

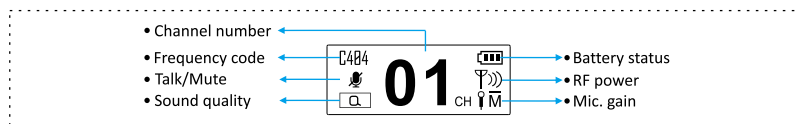
● QUALITY	This refers to sound quality of the duo receiver. ① HQ: Higher ② Q (default) : Regular <div> This setting is not listed in the menu for limited bands.</div>
● SQUELCH	This refers to operation range of the duo receiver. ① HIGH: Shorter range ② LOW (default) : Greater range
● EXIT	—

Bodypack Transmitter DL-9T

■ Illustration



■ Display



■ General operation

◆ Power on

Press and hold the power button for 1 second to turn the transmitter on.



Make sure compatible batteries are inserted in the battery compartment beforehand.

◆ Adjust channels

Press and hold the set button for 1 second until channel number flashes on the screen.

Then, press the Δ or ∇ button to select another preferred channel. Once newly selected channel is confirmed, press the set button again. Newly selected channel will stop flashing.

◆ Check frequency of selected channel

Short press the set button to check the frequency of selected channel.

◆ Adjust mic gain to appropriate level

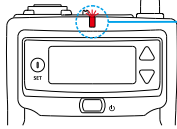
Press and hold both set and power buttons simultaneously to turn the transmitter on and enter the setting menu. Press the set button until "MIC GAIN" shows up for selection (LOW, M-LOW, MID, H-MID, HIGH). Then, press the Δ or ∇ button to scroll options. Press the set button again to confirm your selection and leave the setting.

◆ Power off

Press and hold the power button for 2 seconds to turn the transmitter off.

◆ Micro-USB connection


Charging: Micro-USB connection will be served as “charging” function only when the transmitter is powered off before being connected.

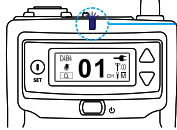


- Steady red: Charging
- Steady blue: Fully charged



Be sure “rechargeable” batteries are inserted before charging.

Power supply: If the transmitter is connected with micro-USB cable while it's on, this connection is served as “power supply” and symbol  will show up on the screen.



- The LED indicator will stay in steady blue when power is supplied.




Batteries are NOT being recharged when the transmitter is power supplied.

■ Advanced operation

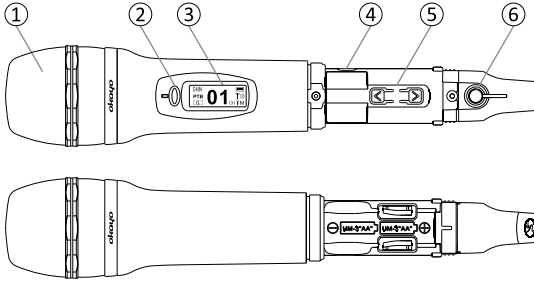
◆ Setting menu



1. Press and hold both set and power buttons to turn the transmitter on.
2. Setting menu (see the table below) is entered now for custom adjustments.
3. Press the △ or ▽ button to scroll options.
4. Press the set button to confirm your selection.
5. To leave the menu, select “EXIT” and press the set button.

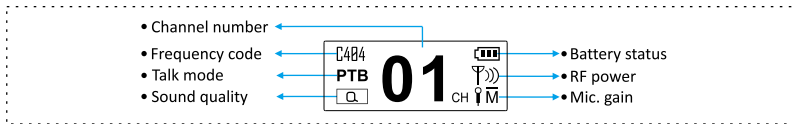
● QUALITY	<p>This refers to sound quality of the transmitter.</p> <p>① HQ: Higher</p> <p>② Q (default): Regular</p> <div> This setting is not listed in the menu for limited bands.</div>
● RF POWER	<p>Power definition will vary upon countries.</p> <p>① HIGH (T>>) (default): Operation range will be greater.</p> <p>② LOW (T<): Operation range will be shorter.</p>
● MIC GAIN	<p>This refers to sensitivity of the transmitter.</p> <p>① HIGH (H)</p> <p>② H-MID (M) (default)</p> <p>③ MID (M)</p> <p>④ M-LOW (M)</p> <p>⑤ LOW (L)</p>
● Exit	—

■ Illustration



- | | | |
|------------------------------|---|-------------------------------|
| ① Dynamic capsule | ③ Backlit screen | ⑤ < (Left) / > (Right) button |
| ② Backlit talk / mute button | ④ Charging port (when rechargeable battery applied) | ⑥ Backlit power button |
| • Green: Talk | | • Blue: Sufficient power |
| • Red: Mute | | • Red: Low power |

■ Display



■ General operation

◆ Power on

Press and hold the power button for 1 second to turn the microphone on.

◆ Adjust channels

Press the < or > button for 1 second until channel number flashes. Then, press the < or > button to select another preferred channel which will automatically be confirmed after the microphone is idled for 2 seconds. Newly selected channel stops flashing.

◆ Check frequency of selected channel

Short press the < or > button to check the frequency of selected channel. The microphone will be back to home screen automatically after being idled for 2 seconds.

◆ Adjust mic gain to appropriate level

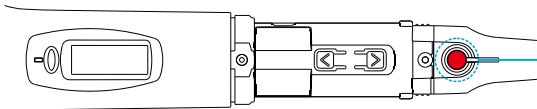
Press and hold both < and power buttons simultaneously to turn the microphone on and enter the setting menu. Press the power button until "MIC GAIN" shows up for selection (LOW, MID, HIGH). Then, press the < or > button to scroll options. Press the power button again to confirm your selection and leave the setting.

◆ Power off

Press and hold the power button for 2 seconds to turn the microphone off.

◆ Micro-USB connection

Charging: Micro-USB connection will be served as "charging" function only when microphone is powered off before being connected.




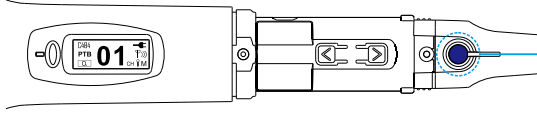
- Steady red: Charging
- Steady blue: Fully charged



Be sure "rechargeable" batteries are inserted before charging.

Handheld Microphone DL-9H

Power supply: If the microphone is connected with micro-USB cable while it's on, this connection is served as “power supply” and symbol  will show up on the screen.



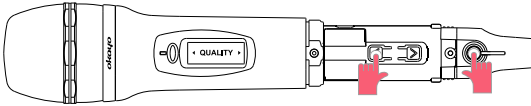
• The LED indicator will stay in steady blue when power is supplied.



Batteries are NOT being recharged when the microphone is power supplied.

■ Advanced operation

◆ Setting menu



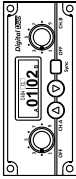

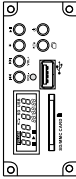
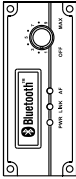



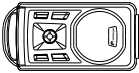
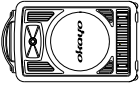
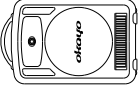
1. Press and hold both menu and power buttons to turn the microphone on.
2. Setting menu (see the table below) is entered now for custom adjustments.
3. Press the menu or right button to scroll options.
4. Press the power button confirm your selection.
5. To leave the menu, select “EXIT” and press the power button.

● QUALITY	This refers to sound quality of the microphone. ① HQ: Higher ② Q (default) : Regular <div>⚠ This setting is not listed in the menu for limited bands.</div>
● TALK MODE	① PTB (default) : Push to bolt ② PTT: Push to talk ③ PTM: Push to mute
● RF POWER	Power definition will vary upon countries. ① HIGH (H) (default): Operation range will be greater. ② LOW (L) : Operation range will be shorter.
● MIC GAIN	This refers to sensitivity of the microphone. ① HIGH (H) ② MID (M) (default) ③ LOW (L)
● EXIT	—



Any improvement of features or functions for all models are subject to change without prior notice.

Product Compatibility Table

						
DL-550 DL-570 	●		●	●	●	●
DL-650 DL-670 	●		●		●	●
DL-820 DL-828 	●	●	●		●	●
DL-850 	●	●	●		●	●

■ Troubleshooting

◆ Failed to Power On

- Be sure batteries are inserted in the battery compartment with correct direction for both transmitter and microphone.
- Be sure the power adapter is correctly plugged in for portable sound system.

◆ No Sound

- Be sure both transmitter and receiver module are at same channel.
- Be sure the volume control on both transmitter and receiver module are tuned properly.
- Be sure the master volume on portable sound system is tuned properly.
- Be sure the mute button on transmitter or microphone is OFF.
- Check if there is huge air interference nearby.

■ Battery replacement

◆ Please DO use original battery for the system to avoid potential damage or defectiveness.

- Compatible models: DL-550, DL-650, DL-820, DL-828, DL-850



Get screws off



Disconnect the battery
and take it out



Get connection right –
RED for Anode; BLACK
for Cathode

- Compatible models: DL-570, DL-670



Get screws off



Disconnect the battery
and take it out



Reconnect the battery

Portable Sound System DL-550 I DL-570

Output power	60W (MAX) / 40W (RMS)
Speaker	5" woofer
Audio input	MIC x 1 (6.3 mm), AUX x 1 (3.5 mm)
Audio output	AUX x 1 (3.5 mm)
Power supply	100~240 VAC/20 VDC, switching power adaptor
Battery	DL-550 : 12 V, 2.9 Ah x 1 (Lead-Acid) rechargeable batteries DL-570 : 14.8 V, 5.2 Ah x 1 (Lithium) rechargeable batteries
Battery dicator	4 LEDs to indicate battery autonomy status (20 50 80 100%)
Operating time	DL-550 : 4~5 hours DL-570 : 7~8 hours
Charging time	DL-550 : 7~8 hours DL-570 : < 12 hours
Dimensions(D x W x H)	317 x 153 x 246 mm
Weight	DL-550 : Approx. 3.8 kg (8.3 lbs), batteries included DL-570 : Approx. 3.0 kg (6.6 lbs), batteries included

Portable Sound System DL-650 I DL-670

Output power	60W (MAX) / 40W (RMS)
Speaker	5" woofer and 1" tweeter
Audio input	MIC x 1 (XLR / 6.3 mm), AUX x 1 (3.5 mm)
Audio output	AUX x 1 (3.5 mm)
Power supply	100~240 VAC/20 VDC, switching power adaptor
Battery	DL-650 : 12 V, 2.9 Ah x 1 (Lead-Acid) rechargeable batteries DL-670 : 14.8 V, 5.2 Ah x 1 (Lithium) rechargeable batteries
Battery dicator	4 LEDs to indicate battery autonomy status (20 50 80 100%)
Operating time	DL-650 : 4~5 hours DL-670 : 7~8 hours
Charging time	DL-650 : 7~8 hours DL-670 : < 12 hours
Dimensions(D x W x H)	201 x 170 x 341 mm
Weight	DL-650 : Approx. 4.3 kg (9.4 lbs), batteries included DL-670 : Approx. 3.5 kg (7.7 lbs), batteries included

Specifications

Portable Sound System DL-820 I DL-828

Output power	120W (MAX) / 80W (RMS)
Speaker	8" woofer and 1" tweeter
Audio input	MIC x 1 (XLR / 6.3 mm), MIC x 1 (6.3 mm), AUX x 1 (3.5 mm), LINE x 1 (RCA)
Audio output	AUX x 1 (3.5 mm), LINE x 1 (RCA)
Power supply	100~240 VAC / 32 VDC, built-in switching power supply
Battery	12 V, 4.5 Ah x 2 (Lead-Acid) rechargeable batteries
Battery dicator	4 LEDs to indicate battery autonomy status (20 50 80 100%)
Operating time	4~6 hours
Charging time	6~8 hours
Dimensions(D x W x H)	264 x 301 x 511 mm
Weight	Approx. 16 kg (35.2 lbs), batteries included

Portable Sound System DL-850

Output power	150W (MAX) / 120W (RMS)
Speaker	10" woofer and 1" tweeter
Audio input	MIC x 1 (XLR / 6.3 mm), MIC x 1 (6.3 mm), AUX x 1 (3.5 mm), LINE x 1 (RCA)
Audio output	AUX x 1 (3.5 mm), LINE x 1 (RCA)
Power supply	100~240 VAC / 32 VDC, built-in switching power supply
Battery	12 V, 4.5 Ah x 2 (Lead-Acid) rechargeable batteries
Battery dicator	4 LEDs to indicate battery autonomy status (20 50 80 100%)
Operating time	4~6 hours
Charging time	6~8 hours
Dimensions(D x W x H)	310 x 360 x 580 mm
Weight	Approx. 18 kg (39.6 lbs), batteries included

Bluetooth module BX-501+

Power requirement	DC 12 V
Operating range	10 M
Dimensions (D x W x H)	102.5 x 88 x 37 mm
Weight	50 g

Audio player CD-800S+

Power requirement	DC 12 V
Output lever	900 mV
Frequency response	20 Hz~20 kHz
Format supported	MPEG Layer 3
Dimensions (D x W x H)	185 x 190 x 42.5 mm
Weight	1 kg

Audio Player UM-502 I UM-502P

Power requirement	DC 12 V
Output level	600 mV
Frequency response	20 Hz~20 kHz
Format supported	MPEG Layer 3
Dimensions (D x W x H)	96.6 x 88 x 37 mm
Weight	104 g

Duo Receiver DLR-9 I DLR-9AF

Carrier frequency	794~928 MHz (country dependant)
Channels	7~50 (country dependant)
T.H.D.	< 3 %
Dynamic range	> 90 dB
Frequency response	70 Hz~10.8 kHz @ HQ
Latency	< 4 ms @ HQ
Dimensions (D x W x H)	DLR-9 : 102.5 x 88 x 37 mm DLR-9AF : 133.5 x 88 x 37 mm
Weight	DLR-9 : 70 g DLR-9AF : 82 g

Bodypack Transmitter DL-9T

Emission modulation	4 GFSK
Latency	< 4 ms @ HQ
Mic capsule	Condenser
Antenna	Whip antenna
Mic. input	3-pole Mini XLR
Audio input	3.5 mm
Battery	2 x AA alkaline / rechargeable NiMH battery
Battery life	> 8 hours (1,600 mA rechargeable battery)
Dimensions(D x W x H)	29 x 64 x 88 mm (without antenna)
Weight	113 ± 5 g (wihtout battery)

Handheld Microphone DL-9H

Emission modulation	4 GFSK
Latency	< 4 ms @ HQ
Mic capsule	Dynamic
Battery	2 x AA alkaline / rechargeable NiMH battery
Battery life	> 8 hours (1,600 mA rechargeable battery)
Dimensions(Dia x L)	49 x 258 mm
Weight	270 ± 5 g (wihtout battery)



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