DIGITECH
Audio

12" Rechargeable PA Speaker
with Bluetooth® Technology

User Manual
CS-2497

Box Contents:

1 x 12" Rechargeable PA Speaker

1 x Wireless UHF Microphone

1 x Infrared Remote Control

1 x 3.5mm to 3.5mm Auxiliary Cable

1 x Mains Power Adaptor

Product Diagram:

1
2
3
4
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6
7

On
Off
Power
Mic 1
Mic 2
Aux Out
Mic Vol
Mic Echo
Mic Delay

15VDC
microSD
USB
Aux In
Volume
Bass
Treble

8
9
10
11
12
13
14

15
16
17
18

MIC PRIORITY
12' RECHARGEABLE SPEAKER

REPEAT
INPUT

LINE

AUX

19
20
21
22
23

#	Feature:	Description:
1.	Power On/Off	Press to turn the unit on or off
2.	Mic 1 Input	Connect to a 6.5mm cable or microphone
3.	Mic 2 Input	Connect to a 6.5mm cable or microphone
4.	3.5mm Audio Output	Connect to an external speaker by using a 3.5mm audio cable
5.	Mic Volume	Adjust the volume of microphone 1 & 2
6	Mic Echo	Increase or decrease the microphone echo
7.	Mic Delay	Increase or decrease the microphone sound delay
8.	15VDC Power Socket	Connect to the 15VDC mains power adaptor
9.	microSD Card Slot	Insert a microSD card up to 64GB
10.	USB Slot	Insert a USB flash drive up to 64GB
11.	3.5mm Audio Input	Connect to an audio device such as a smartphone using a 3.5mm audio cable
12.	Volume	Adjust the main system volume up or down
13.	Bass	Increase or decrease the bass effect
14.	Treble	Increase or decrease the treble effect
15.	Repeat Track	Repeats the current music track playing
16.	Microphone Priority	Press to make the microphone priority over the main audio when speaking
17.	Previous Track / Frequency Down	Skip to the previous music track or decrease the FM frequency channel when scanning.
18.	Audio Input Selection	Press to select between Bluetooth®, Aux In or FM Radio
19.	LED Light On/Off	Press to turn the RGB LED light on or off
20.	Record/Play Recording	Press to play or record from the USB flash drive or microSD card
21.	LED Screen	Displays the current input selection and battery status
22.	Play/Pause/Scan	Press to either play or pause the current music track or scan the FM frequency
23.	Next Track / Frequency Up	Skip to the next music track or increase the FM frequency channel when scanning

UHF Wireless Microphone Diagram:

#	Feature:	Description:
1.	Microphone Module	Speak in to the microphone
2.	On/Off/Standby	Press to turn the unit on, off or in standby mode
3.	Battery Compartment	Insert 2 x AA batteries to power on

Infrared Remote Control Diagram:

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2 — INPUT

3 — VOL+

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4 — ◀◀

6 — ▶▶❙

7 — VOL-

8 — 💡

9 — ⟲

10 — ●/▶

11 — ◀◀

12 — ▶▶❙

13

DIGITECH Audio

#	Feature:	Description:
1.	Mute	Press to mute the sound on or off
2.	Audio Input Selection	Press to select between Bluetooth®, Aux In or FM Radio
3.	Volume Up	Press to turn the volume up
4.	Previous Track	Skip to the previous music track
5.	Play / Pause	Press to play or pause the current music track
6	Next Track	Skip to the next music track
7.	Volume Down	Press to turn the volume down
8.	LED Light On/Off	Press to turn the RGB LED light on or off
9.	Repeat Track	Repeats the current music track playing
10.	Record/Play Recording	Press to play or record the microphone from the USB flash drive or microSD card
11.	Previous Folder	Skip to the previous folder of your music tracks while playing from the USB or microSD card
12.	Next Folder	Skip to the next folder of your music tracks while playing from the USB or microSD card
13.	Battery Compartment	Insert 2 x AAA batteries to power on

Operation:

Bluetooth® Pairing:

1. Press the power on button located at the top of the speaker. If the unit has no power due to low battery, then connect the 15VDC power supply to the DC power socket.

2. Press the audio input selection button and select "BT" (Bluetooth®).

3. Open the settings of your smart phone or tablet and ensure Bluetooth® is turned on.

4. Once your Bluetooth® is enabled; scan for devices and the Bluetooth® name CS2497 should appear. If the name doesn't appear then please ensure the speaker is correctly powered on and the correct input is selected.

<div align="center">

Bluetooth® Name: **CS2497**

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5. Press the CS2497 on the Bluetooth® device list and your smartphone or tablet should show that it is connected.

6. You can now start playing audio from your smartphone or tablet.

Note: If the speaker can't be connected; then please restart the speaker or the device and try again.

Audio Line In:

1. Press the audio input selection button and select "LINE" (Aux Line In).

2. Insert a 3.5mm to 3.5mm auxiliary cable in to the 3.5mm audio input socket located on the top of the speaker.

3. You can now play, pause or skip tracks from your audio device such as a smartphone, tablet, computer or MP3 player.

USB/microSD Card Playback:

1. Insert a USB flash drive or microSD card in to the USB or microSD card slot.

2. The USB and microSD card is plug and play once it has been inserted. You can now play, pause or skip tracks from either the USB or microSD card.

3. The music audio formats supported are MP3, WMA and WAV. It will play the folder selection randomly; you can skip or go back to the previous folder by using the folder buttons on the remote control.

Note: The USB and microSD card needs to be formatted to FAT32. It is suggested to copy the music files to the root directory and remove unnecessary files to read faster.

USB/microSD Card Recording:

1. Insert a USB flash drive or microSD card in to the USB or microSD card slot.

2. You can now either use the included wireless microphone or the 6.5mm mic inputs to start recording on the USB or microSD card.

3. Press the play/recording ●/▶ button to start recording the audio. The speaker will automatically save a new folder named "Voice" on first time use and the recordings will be saved as FILE0001, FILE0002 etc.

4. Press the play/recording ●/▶ button again to stop the current recording.

5. You can press and hold the play/recording ●/▶ button to play the existing recorded files. The tracks can be skipped by pressing the previous or next track buttons.

Note: The USB and microSD card will only record from the wireless microphone, 3.5mm input, 6.5mm mic inputs and FM radio. It will not record from BT (Bluetooth®) mode.

FM Radio:

1. Press the audio input selection button and select "87.5" (FM Radio).

2. Press the play/pause ⏯ button to start automatically searching for a FM radio station.

3. Press the previous ⏮ or next ⏭ track buttons to switch between 87.5 and 108.0MHz FM radio frequencies.

4. Press the play/pause ⏯ button to save your selected FM radio station once you have finished searching.

5. Once you have saved the radio station; It will automatically show next time you switch to FM mode. The stations can be searched by pressing the previous ⏮ or next ⏭ track buttons while in FM mode.

Wireless UHF Microphone:

1. Unscrew the battery compartment located in the bottom of the microphone and insert 2 x AA batteries in to the battery compartment.

2. Once the batteries have been inserted; switch on the power switch to start transmitting audio.

3. The LED indicator should now be turned on and you can start speaking in to the microphone.

4. You can adjust the microphone volume by using the mic volume adjustment located on top of the speaker.

5. You can mute the microphone by pushing the on/off switch to the centre position.

6. Push the switch down to the off position if you wish to stop transmitting the microphone.

Note: The microphone will automatically be connected to the speaker once the microphone is turned on. The microphone can't be recorded by USB or microSD in BT (Bluetooth®) or FM radio mode.

Infrared Remote Control:

1. Remove the battery compartment located on the rear of the remote and insert 2 x AAA batteries in to the battery compartment.

2. Once the batteries have been inserted; you should now be able to control the speaker by the remote control.

3. The infrared remote needs to be pointed at the "R" symbol which is the infrared receiver and located on the LED screen. The operating distance of the remote is around 6 metres and will operate within an angle of 30°.
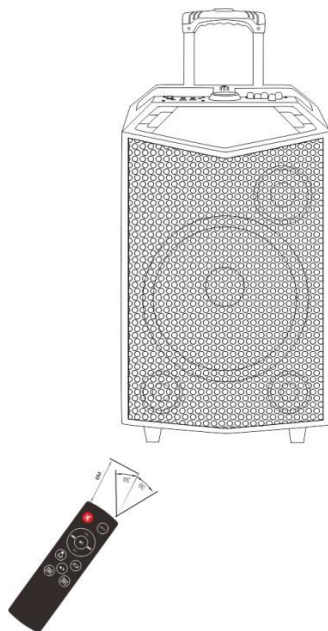
Note: Ensure they're no obstacles in between the remote control and infrared receiver as it may not work.

Charging:

1. Insert the 15VDC mains power adaptor to a standard 240VAC wall socket and turn it on.

2. Insert the DC plug from the mains power adaptor in to the DC socket located on top of the speaker.

3. The LED status indicator will start flashing which indicates it is now charging. Charging will be completed in around 4-8 hours.

4. Once fully charged; the LED status indicator will stop flashing and the battery level indicator will appear full on the LED screen.

5. If there is no battery percentage showing on the battery indicator then please charge it immediately.

Note: Please disconnect the mains power adaptor when not in use as leaving a full battery on charge may cause damage to the battery.

Troubleshooting:

Problem:	Solution:
No Power	Ensure the power supply is connected properly to a 240VAC wall socket and turned on.
	Check to see if the mains power adaptor is working correctly.
Battery LED Indicator Is Blank	This indicates that the battery is extremely low; please charge the speaker immediately to prevent damage to the battery.
Battery Won't Charge Or Power On	Connect the mains power adaptor to the DC socket on the speaker and connect properly to a 240VAC wall socket.
	Make sure the battery is fully charged up to 8 hours and make sure the LED status indicator has stopped flashing.
	If you have left the mains power adaptor connected to the speaker unused for a long period of time; it may have caused damage to the battery.
Sound Is Distorted	Try to adjust the volume, treble and bass as it may be too high depending on the input.

Microphone Not Transmitting	Ensure the batteries are working correctly and placed in the correctly polarity.
	Make sure the main and microphone volume has been turned up.
LED Display Won't Turn On	Connect the mains power adaptor to the device and turn the unit on.
	Check to see if the mains power adaptor is working correctly.
No Audio	Ensure the volume is correctly turned up depending on the main and microphone volume.
	Ensure the volume is correctly turned on your audio device if connected in Bluetooth® mode.
	Try a different audio source or mode; it may be your device not transmitting audio.
Bluetooth® Will Not Pair	Restart the speaker and smartphone or tablet.
	Type in the password "0000" if it asks you for one.
	Make sure the audio input of the speaker is selected to "BT" and the Bluetooth® is turned on from your device.

USB/microSD Not Recognised	Ensure the format of the USB or microSD card is in FAT32. Plug in to a computer to check or change the current format.
	Make sure the USB or microSD card is below 64GB capacity.
	Ensure the USB and microSD card is inserted correctly and try to restart the speaker.
Infrared Remote Control Not Working	Check to see if the batteries are working correctly and inserted in the correct polarity.
	Remove the obstacles in between the remote control and receiver as it will interfere.
	Make sure the infrared remote is correctly pointing at the "R" receiver which is located on the LED screen.

Safety:

1. Do not open the case of the speaker to avoid damage and injury.
2. Keep the speaker away from high temperatures as it may cause damage to the speaker and battery.
3. Do not expose the speaker to water, moisture or liquids to prevent the unit from damage.
4. Disconnect the mains power adaptor when not in use long term as it may cause permanent damage.
5. Fully charge the battery within 48 hours if the battery is under voltage to prevent damage to the battery.
6. Make sure the mains power adaptor is connected correctly to a standard 240VAC wall socket.
7. If using a replacement or third party mains power adaptor; make sure the voltage and current match the specifications as 15VDC, 2.4A.

Features:

. Bluetooth® Wireless Technology

. USB/microSD Playback & Recording

. FM Radio

. Rechargeable Battery

. Dual 6.5mm Microphone Inputs

. 3.5mm Auxiliary Input & Output

. RGB LED Light

. Extendable Trolley Handle & Wheels

Specifications:

Output Power: 40WRMS (50W Power)
Inputs: 1 x 3.5mm Aux, 2 x 6.5mm Mic
Outputs: 1 x 3.5mm Aux
Audio Sources: Bluetooth®, USB, microSD, FM Radio
Display: 1.2" LED
Speaker Size: 12"
Tweeter Size: 3"
Frequency Response: 80Hz-20KHz
Sensitivity: >75dB
Speaker Impedance: 3Ω
Amplifier: Class-D
Bluetooth® Version: 4.2+EDR (AD2P)
Bluetooth® Transmission Range: Up to 10m
UHF Microphone Transmission Range: Up to 15m
UHF Frequency: 525.85MHz
FM Frequency: 87.5-108.0MHz
USB/microSD Capacity: Up to 64GB (FAT32)
USB/microSD Audio Format: MP3, WMA, WAV
Playback Time: 3-6 Hours
Charging Time: 4-8 Hours
Battery: SLA 12V, 3Ah
Microphone Batteries: 2 x AA
Remote Batteries: 2 x AAA
Power: 15VDC, 2.4A
Power Consumption: 950mA (Max)
Weight: 11kg
Dimensions: 630(H) x 350(W) x 325(D)mm