

DW2235

2x35W 6.5" Multi Room WiFi/Bluetooth Ceiling Speaker



Slave Speaker

Master Speaker

Description

The DW2235 is a 2-way 6.5-inch ceiling speaker with a built-in 35W WiFi and Bluetooth amplifier, designed for convenient and high-quality wireless audio streaming. Music can be streamed directly from smart devices, NAS storage, or popular streaming platforms such as Spotify, TIDAL, Deezer, Qobuz, and Amazon Music via the 4Stream app, Apple AirPlay, Bluetooth, or other DLNA-compatible applications.

Features

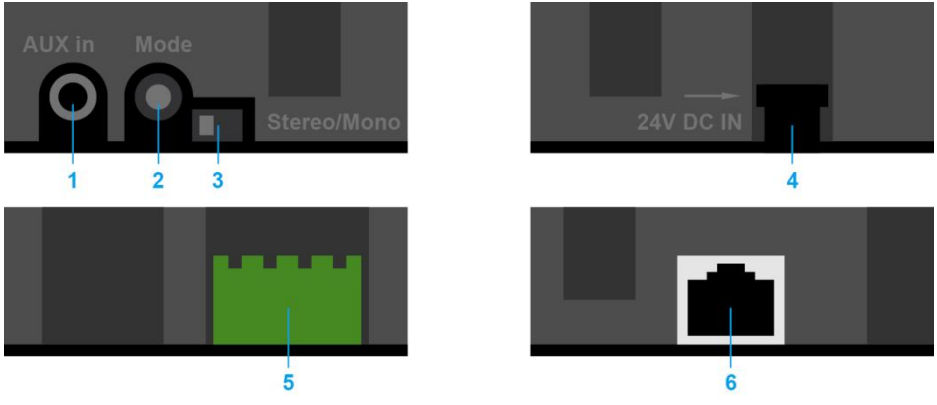
- 6.5-inch Kevlar bass driver with rubber surround for deep and controlled low-frequency performance.
- 1-inch aluminum dome tweeter with EOS waveguide design for clear and detailed high frequencies.
- Built-in full digital amplifier: 35W LF @ 4 Ω + 15W HF @ 8 Ω .
- Supports connection of a slave speaker to create a stereo speaker system.
- Wireless music streaming via network without distance limitation, or Bluetooth 5.0 with a range up to 15 meters.
- Supports multiple streaming protocols including **Spotify Connect, Apple AirPlay, Qplay, DLNA, and UPnP.
- Stream audio from online services, smart devices, NAS storage, Bluetooth, or Line-in sources.
- Multiroom audio streaming supported when multiple units are connected to the same network.
- All audio sources can be synchronized and restreamed to other compatible models.
- Integrated streaming services include Spotify, Deezer, TIDAL, Qobuz, Amazon Music, Napster, Pandora, iHeartRadio, TuneIn, and QQMusic, plus many other online streaming platforms.
- Free mobile app available for both iOS and Android devices.
- Free global online updates for new features and improvements.
- EQ adjustment supported via the mobile app or remote controller.

Specifications

Model	DW2235		
Master Speaker (Stereo set / Mono)			
Connections			
Power Supply	24V/4.16A		
Audio Input	AUX (3.5mm)	Max 1V RMS input	
	Bluetooth 5.0	AAC FLAC	
Audio Output	Speaker out		
Network	WiFi	2.4G	
		Standard	802.11 b/g/n 1T1R
		Frequency	2.412GHz-2.484GHz
		Transmit	802.11b: +20dBm(Max.)
	802.11g: +18dBm(Max.)		
	Receive Sensitivity	802.11n: +15dBm(Max.)	
		802.11b: -89dBm	
802.11g: -81dBm			
LAN		RJ45	
Stereo / Mono Switch	Switch Stereo / Mono Output: Stereo: Master speaker output Right channel, Slave speaker output Left channel Mono: Left + Right Channel for both speakers		
Mode Button	Change Source Mode: WiFi / BT /AUX in		
Speaker			
Bass	6.5 inch kevlar bass cone driver rubber overhang		
Tweeter	1 inch aluminum dome driver EOS waveguide design		
Sensitivity	Bass: 86±3dB		
	Tweeter: 89±3dB		
Size	23cm×10.5cm (deep)		
Amplifier			
High/Low Frequency	LF 4Ω 35W *2		
	HF 8Ω 15W *2		
Frequency Response	LF: 60Hz-2500Hz HF: 3000Hz-20000Hz		
Signal Noise Ratio	≥85dB		
THD+N	<0.9%		
Crosstalk	>55dB		
Slave Speaker			
Connections			
Audio Input	Speaker out		
Speaker			
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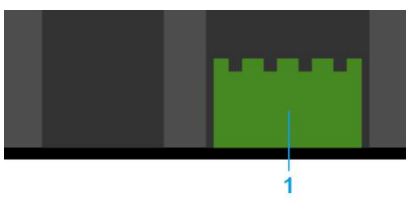
Front / Rear Panel

Master Speaker (Stereo set / Mono):



- 1. Aux in: Connection to external audio source
- 2. Mode button:
Short press to switch input source
Short press twice to reset WiFi/BT connection
Short press three times to do factory reset
Long press to turn off the device, press again to turn on
- 3. Stereo/Mono Switch: Switch between stereo or mono mode, if you connect the slave speaker, switch to stereo mode
- 4. DC in: For connection of power adaptor
- 5. Speaker connection: Phoenix speaker connector to connect slave speaker
- 6. LAN: LAN port for Ethernet connection

Slave Speaker (Stereo set):

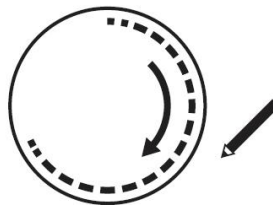


- 1. Speaker connection: phoenix speaker connector to connect master speaker

Installation

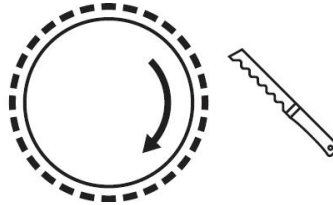
Step 1: Trace along the inclusive template. Cut along the traced line using a drywall saw or rotary drill. A simple, inexpensive drywall saw (about \$10 at your local hardware store) is the best choice for beginners. Caution: This is the most important part of the entire installation. If you are not certain whether any obstructions exist behind the desired mounting area, you should start by cutting a small hole in the center of your penciled mounting hole with a drywall saw. Use a piece of sandpaper to sand down the cut out edge for a smoother contour. (See Diagram 1 and Diagram 2)

Diagram 1:
Cutout tracing



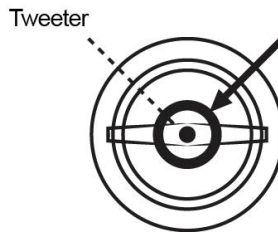
Step 2: Run the cable into the cut out location while leaving an extra two feet to make the connection to the speaker easier. Strip back approximately 1/2 inch of the speaker cable insulation and twist the copper wires tightly for easy insertion. On the back of the speaker, press down on the gold-plated compression terminal to reveal the "eye" and insert the speaker cable through the eye for secure connection. Release the compression terminal to lock each cable securely.

Diagram 2:
Cut Out



Step 3: Your in-ceiling speakers come from the factory with the tweeter facing straight out from the baffle. This will result in the overall smoothest response. However, you can adjust the tweeter to focus the sound at your listening location. In order to do this, gently press on the grill (See Diagram 3). Caution: Do not touch the tweeter dome while adjusting for your hearing preference. (See Diagram 3)

Diagram 3:
Adjust the tweeter here



Step 4: Tighten the dog-ear brackets by simply turning the screws on the speaker's front baffle. Use a Phillips head screwdriver to turn the screws slowly clockwise. The quick-turn mounting system and frame will "sandwich" or clamp around the wall to hold the speaker securely in place. (See Diagram 4)

