

From
BT-CO/ENG4.5

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Declaration of Similarity ZLXG2

Issue	Operational description
Topic	ZLX-G2 family
Version	1.1

The ZLX-G2 powered speaker family includes the ZLX-8P-G2-US, ZLX-12P-G2-US and ZLX-15P-G2-US.

All these models use the same ZLX-G2 amplifier Module. They differ in size and in the size of the implemented LF speaker and it's speaker preset.

All the mentioned speakers act in the same way.

The amplifier module of the powered speaker receives an audio signal via cable or Bluetooth audio, amplifies it and reproduces it on the included loudspeaker chassis.

The user can access various options, such as the equalizer via Bluetooth low energy.

The amplifier module has a built in AC power supply, which supplies the amplifier, the LCD, the micro controller, the DSP and the Bluetooth module.

The Bluetooth module has a tune up tolerance of 2dB and a rated output power of 8.9 dBm.

It is attached to one FPC antenna with an omnidirectional radiation patten and a Gain of +1dBi and a tolerance of +/- 1 dB, which is placed in the speaker cabinet.