

Challenger 1000 D *Portable Sound System*

- Battery and mains-powered PA System with Bluetooth
- Indoor and outdoor, speech and music
- Take anywhere – built in trolley and rechargeable batteries
- Perfect for school, sports, assembly, beach, gym, corporate etc
- Loud, clear and powerful

Battery and mains operated portable audio system with powerful, high quality sound. Covers hundreds of people. Bluetooth receiver, digital recorder, and one wireless mic receiver built in as standard. Wireless microphones can be added (up to four) and wireless extension speakers are available.

Rugged and well built, expandable and lightweight - great for rental and hire companies, corporate and professional PA applications too.

Features

- 200 Watt Class D Amplifier
- Bluetooth receiver for music connection
- Digital recorder and playback built in (record speeches to SD card or USB)
- Full range, 2 way speaker system (10" with tweeter)
- Multi channel wireless microphone receiver (Up to 4 wireless mic receivers)
- One fixed microphone input, line in, line out and voice priority switch
- Automatically mutes music when microphones are used (switchable feature)
- Long life from heavy duty rechargeable batteries built in (>6 hours music, >10 hours speech)
- Retractable handle and trolley built in

Expandable

Repeater Ready - the wireless repeater system makes adding extension speakers easy - no wires! Our integrated repeater system enables the use of multiple slave speakers up to 100 metres away via wireless link (see over for more info). Also provided is a line-out (XLR 3 pin connector), and an 8 ohm speaker output jack (6.35mm).



New Bluetooth and Digital Recorder module



CHALLENGER 1000-D(BD)
Shown with four wireless microphone receivers, bluetooth receiver and digital recorder.



EXTENSION SPEAKERS

When you extend your Challenger 1000 sound system by adding more speakers you can use a matching Challenger Slave or a standard 8ohm speaker.

The slave has the same powerful amplifier and batteries built in, can operate for extended periods from the built in batteries or mains power, and they have the same trolley and handle as the C1000-D so you double your amplifier power and your coverage!

Add as many wireless extension speakers as you need. If each slave speaker is within 80 metres of the Master unit they only require one receiver fitted in each, or if further than 80 metres a repeater transmitter is needed in each slave speaker as well (but not the last one in the chain).

Each active master and slave unit has a speaker output provided so you can also connect another 8 ohm speaker (or pair of horns) to each unit for even greater local coverage.

(See over for examples of the extension slave speaker setup...)

EDWARDS
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EDWARDS SOUND SYSTEMS LTD

Chiayo Portable Sound and Wireless Microphones distributed in New Zealand by Edwards Sound Systems Ltd.
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WIRELESS EXTENSION SPEAKERS

Wireless extension speakers use "repeater modules" – no cables and a whopping 250 feet / 80 metre line of sight range.

Install a repeater module (RP-5016m) in the main Challenger or StagePro, and then add a matching SDR-5116 receiver module to each extension slave speaker.

If extension speakers are more than 80 metres from the Master unit you will need a repeater module (RP5016m) in the nearest slave and a receiver in each additional slave. Slaves within 80 metres of the master don't need an additional RP5016m, just an SDR-5116 in each, and one RP5016m in the master unit.



SDR-5116 receiver module

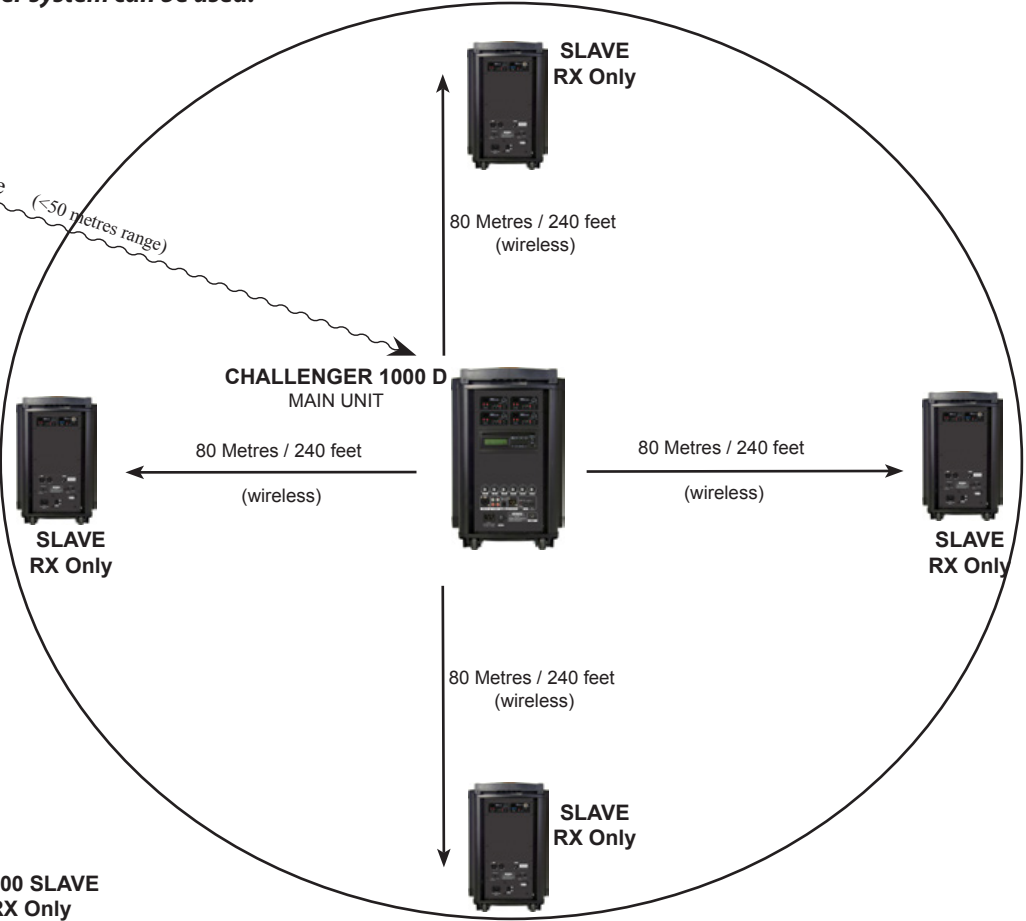
Examples of how the wireless repeater system can be used:

EXAMPLE 1



Wireless Microphone (<50 metres range)

If within 80 metres of the main unit, you only require Repeater RX units in each slave speaker (see example 1). If greater distances covered, you need a RX and TX every 80 metres (see example 3).



EXAMPLE 2

CHALLENGER 1000D MAIN UNIT



80 Metres / 240 feet (wireless)

C1000 SLAVE RX Only



EXAMPLE 3 (250 metres / 700 feet wireless link)

CHALLENGER 1000 MAIN UNIT



80 Metres / 240 feet (wireless)

SLAVE RX and TX Ch1



80 Metres / 240 feet (wireless)

SLAVE RX and TX Ch2



80 Metres / 240 feet (wireless)

SLAVE RX only Ch3



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