

# Challenger 1000 Specification

- All-in-one unit: easy to setup and operate.
- AC / DC (Battery) powered operation; perfect for indoor & outdoor use.
- Functional design for mobility: retractable trolley designed for hauling variances with attached wheels.
- Stylish design featuring a lightweight extruded aluminum frame.
- Optional slots for two wireless receiver modules plus two wired microphone (dynamic or condenser) inputs.
- Built-in anti-shock CD player or cassette recorder with pitch control.
- Two-way speaker system with crossover circuit.
- Voice Priority (speech override music) function.
- Audio Link Master / Slave circuit.
- Charging circuit, Mixer and Amplifier.



## Overall Specification

## Receiver Modules and Transmitter Specification

Built-in Receiver Module	1 or 2 (optional), UHF 100-channel
Receiving Antenna	Built-in
Frame Material	Extruded Aluminum
CD Player / Cassette Recorder	Built-in(choose one)
Weight of Cassette Recorder	1.65 lbs
Weight of CD Player	3.15 lbs
Voice Priority	Standard
Output Power	75 W (RMS) / 8 Ohm Load,150W(Music)
Max. SPL (at 1W / 1m)	117 dB
Speaker System	10" Full range with Tweeter
Frequency Response	50Hz - 20KHz 3 dB
Distortion	< 0.5%
Companion Speaker	Challenger passive speaker
Slave	Challenger power slave
Power Supply	90 - 260 V (150W) Switching Power Supply
Rechargeable Battery Used	Maintenance Free Lead Acid Type * 2 12V 4.5 AH
Weight of 2 batteries	7.60 lbs
In-Put	Mic in*2, Line in, Active in
Out-Put	Line out, Active out, Spk out (swiched/unswiched)
Volume Controls	Master, Wireless Microphone, Mic in CD/Tape, Line, Tone control
Charging Time	10 hours
Operating Hour	6 hours (Music), 10 hours (Speech)
Dimension	19.7"(H) * 14"(W) * 12"(D)
Weight (w/o batteries, cassette, and CD player)	33 lbs
Weight (w/ batteries, cassette, or CD player)	42.25 lbs / 43.75 lbs

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Remark: Specifications are subject to change without prior notice.  
\*\* RF output varies to suit local telecommunication regulations.

**Manufactured by Chiayo Electronics Corporation**