

CHIAYO



Design Award



HKEIA AWARD
For Outstanding Innovation
and Technology Products



TAIWAN
EXCELLENCE



Taiwan SMEs
Innovation Award

CHALLENGER 1000

Portable Wireless PA System

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Portable Wireless PA System



CHALLENGER 1000, CHIAYO's classic flagship PA amplifier and iF award winner, provides four module slots for installing receiver, transmitting, MP3 recorder player and Bluetooth modules, allowing you to operate multimedia and connect to active speakers for audio link that create a more powerful listening experience.

FEATURES

- Ruggedly aluminum enclosure.
- 200W Class-D power amplifier
- 10" 3-way full range speaker.
- Unique optional combination

SLOT 1: Receiver module (SDR-8200/8100M IrDA/D-WR-5410M).

SLOT 2: Repeater (RP-5100M) or receiver (SDR-8200/8100M IrDA/DWR-5410M) module.

SLOT 3: Receiver module (SDR-8200/8100M IrDA/D-WR-5410M).

SLOT 4: Receiver module (SDR-8200/8100M IrDA/D-WR-5410M).

SLOT 5: Bluetooth-MP3 module (DPRB-600M) or module bracket (MB-50) for receiver (SDR-8200/8100M IrDA/D-WR-5410M) modules.

- 2-band equalizer (BASS/TREBLE) for music inputs.
- XLR/6.3mm combo jack connectors for microphone input.
- LINE IN (RCA L/R jack).
- LINE OUT (RCA L/R jack) for external audio recording.
- ACTIVE OUT (XLR jack) for audio linking
- SPEAKER OUT (6.3mm jack) for an external 8Ω passive speaker.
- Integrated retractable handle and wheels for easy portability.



Louder and clear

Built-in 200W class-D power amplifier and crossover drive 10" woofer and 1" tweeter and easily satisfy the amplification requirement of large events with a 500-1000 crowd, bringing an unprecedented quality sound experience.



Easy setup

CHIAYO's receiver module can quickly search for an interference-free working channel and operate channel synchronization with one click, easy and quick to set up, allowing users to enjoy excellent sound quality.



Move as you wish

Ruggedly aluminum enclosure with integrated retractable handle, wheels and built-in batteries for easy portability, always being the focus wherever you go.

Flexible customization

The multimedia functions are flexibly expandable based on the requirement of various applications, such as the receiver module of wireless microphone, MP3 recorder player, Bluetooth receiver and interlinking transmitter module.



Far reaching

Able to connect active and passive speakers to extend the coverage. Under the wireless audio interlinking mode, 1 to many, the coverage immediately doubles and all blind spots disappear.



Comtatible



DWR-5410M
Three Redundancy
Digital Receiver Module



SDR-8200M IrDA
UHF 2-Way Sync True
Diversity Receiver Module



SDR-8100M IrDA
UHF 2-Way Sync Diversity
Receiver Module



RP-5100M
UHF Interlinking
Transmitter Module



DPR-600m
MP3 Recorder Player +
Bluetooth Receiver Module



DH-5400
Rechargeable Digital
Handheld Microphone



DB-5400
Rechargeable Digital
Beltpack Transmitter



SQ-6100 IrDA
Rechargeable
Handheld Microphone



SQ-5100 IrDA
Rechargeable
Handheld Microphone



SM-7100 IrDA
Rechargeable
Beltpack Transmitter



SM-6100 IrDA
Rechargeable
Beltpack Transmitter



SM-2100 IrDA
Rechargeable
Belt-pack Transmitter

Accessories



ST-50
Tripod stand



ST-51
Wind-up tripod stand



SB-45
Carrying bag for
tripod stand



MB-50
Module bracket



12W0029
Lead-acid battery
(12V 5A)



12W0051
Lithium iron
phosphate battery
(12V 6A)



DC-40
Dust-proof cover
(amplifier excluded)



RC-11
Carrying case



CC-11
Carrying case



TB-50
Trolley base

CHALLENGER 1000

| | |
|--------------------|---|
| Max power output | 200W, 4Ω load (class-D) |
| Speaker system | 10" 3-way full range |
| Frequency response | 50Hz-20KHz±3dB |
| T.H.D. | < 0.5% |
| Audio input | MIC in (Ø6.3mm/XLR COMBO), LINE in (RCA L/R) |
| Audio output | LINE out (RCA L/R), ACTIVE out (XLR) |
| External speaker | 4~8Ω (Ø6.3mm) |
| Power supply | 100-240V AC, 30-32V DC /4A |
| Battery | Lead-Acid (12V/5Ah) x2 |
| Operating time | 5-6 hours in music, >10 hours in speech |
| Charging time | about 6 hours |
| Dimensions (mm) | 350 x 300 x 500 |
| Weight (kg) | 17.7 |



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