

# APEX PRO

**Portable Wireless PA System** 

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LECTERN PRO is a portable multimedia wireless amplifier specially designed for classrooms, conferences, commercial exhibitions, religious activities, stages and podiums. This system incorporates a variety of professional features, intelligently combining speaker and traditional lectern, no need for external speaker, amplifier, mixer or power connection, making handling every speech or presentation a breeze.



#### FEATURES

- Dual 250W Class-D power amplifiers built in
- •10" woofer and 1" tweeter + crossover
- 250W active output for external 4~8 $\Omega$  speaker.
- Unique optional combination
- SLOT 1: Receiver (SDR-8200/8100M IrDA/DWR-5410M) or MP3 (DPR-500m) recorder module.
- SLOT 2: Repeater (RP-5100M), receiver (SDR-8200/8100M IrDA/DWR-5410M) or MP3 (DPR-500m) module.
- SLOT 3: Receiver (SDR-8200/8100M IrDA/DWR-5410M) or MP3 (DPR-500m) recorder module.
- SLOT 4: Receiver (SDR-8200/8100M IrDA/DWR-5410M) or MP3 (DPR-500m) recorder module.
- SLOT 5: Module bracket (MB-50) for receiver (SDR-8200/8100M wheels for easy portability. IrDA/DWR-5410M) and MP3 (DPR-500m) modules.

- Two XLR/6.3mm combo jack connectors for microphone and line inputs.
- LINE IN (XLR/6.3mm combo & 3.5mm jacks).
- USB 2.0 jack for computer audio
- ACTIVE OUT (XLR jack) for audio linking
- SPEAKER OUT (6.3mm jack) for an external 4-8Ω passive speaker with volume control.
- 6-step LED audio meter indicator.
- 4-step LED battery indicator and charging LED.
- Storage compartment for 4 transmitters and a switching power supply.
- Integrated retractable handle and big TPR Wear-resistant wheels for easy portability.







### Perfect experience

Two built-in 250W class-D power amplifiers drive 10" woofer and 1" tweeter and easily satisfies 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.





#### More than meets the eye

Hidden storage compartment for 4 transmitters and a switching power supply, creating a sense of perfect one-piece design.

#### 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.

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.



#### Move as you wish

Integrated retractable handle and big TPR Wear-resistant wheels for easy portability, ready to use anywhere.



#### **APEX PRO**

| Max power output   | Dual 250W Class-D power amplifiers.                                 |
|--------------------|---|
|                    | Built in 2-way 250W speaker system.                                 |
|                    | 250W active output for external 4~8 $\Omega$ speaker.               |
| Speaker system     | 10" LF, 1" HF and crossover   |
| Frequency response | 50Hz-20KHz±3dB  |
| T.H.D.             | < 0.5%  |
| Audio input        | MIC/LINE in x 2 (Ø6.3mm/XLR COMBO)                                  |
|                    | LINE in x 2 (Ø6.3mm/XLR COMBO, Ø3.5mm)                              |
|                    | DIGITAL in (USB)  |
|                    | BLUETOOTH in  |
| Audio output       | ACTIVE out (XLR)  |
| External speaker   | 4~8Ω (Ø6.3mm), with volume control                                  |
| Power supply       | 100-240V AC, 30-32V DC/4A   |
| Battery            | Lead-Acid (12V/5Ah) x2 or   |
|                    | Lithium (25.9V/7.8Ah) x1  |
| Operating time     | Lead-Acid: 5-6 hours in music, >10 hours in speech;                 |
|                    | Lithium: 8-10 hours in music, >12 hours in speech                   |
| Charging time      | Lead-Acid: about 6 hours;   |
|                    | Lithium: about 8 hours  |
| Dimensions (mm)    | 360 x 340 x 550   |
| Weight (kg)        | Lead-Acid: 18.7;  |
|                    | Lithium: 15.7   |
| Storage            | Transmitter: handheld x 4 pcs or handheld x 2 pcs + beltpack x 2pcs |
|                    | Switching power supply: 1pc   |
|                    |   |



#### Comtatible



DWR-5410M Three Redundancy Digital Receiver Module

SQ-6100 IrDA

Rechargeable Handheld Microphone

Accessories

ST-50

Tripod stand



SQ-5100 IrDA

Rechargeable Handheld Microphone

ST-51

Wind-up tripod stand



SM-7100 IrDA

Rechargeable

Beltpack Transmitter

SB-45

Carrying bag for tripod stand

**RP-5100M** UHF Interlinking Transmitter Module



SM-6100 IrDA Rechargeable Beltpack Transmitter

MB-50

Module bracket

Rechargeable

SM-2100 IrDA

Belt-pack Transmitter









DC-55 Dust-proof cover (amplifier excluded)



Office : No. 30, Lane 27, Sec. 4, Jen-Ai Rd, Taipei 10685, Taiwan TEL : 886-2-2741-5741 FAX : 886-2-2752-5242 Factory : No. 88, Chung-Hsiao St. 2, Chiayi 60080, Taiwan TEL : 886-5-271-1000 FAX : 886-5-276-7611

International enquiries : sales@chiayo.com.tw or call +886 2 2741 5741 www.chiayo.com.tw







DB-5400 Rechargeable Digital Beltpack Transmitter

12W0029

Lead-acid battery (12V 5A)

12W0045 Llthium battery (25.9V 7.8A)

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