

CHIAYO



TAIWAN
EXCELLENCE

APEX EVO

More Touching Melody

Touchscreen Digital Mixer Portable Wireless PA System

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Touchscreen Digital Mixer Portable Wireless PA System



Built-in powerful digital signal processor, APEX EVO can create a variety of innovative customized sounds from the most natural and pure sound. From circuit design to programming, parts selection to industrial design, we always insist on a robust software and hardware foundation to ensure the purest audio from input to output.



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.



Adhering to original sounds

Insist on starting from original, precise and clean sound inputs to perform creative mixing to create new sounds. All aspects, including structural design, socket location and grounding, have been carefully analyzed and then integrated into a super high-quality mixer.



All in one

APEX EVO has a variety of inputs and outputs, suitable for numerous purposes, no need to connect other equipment. All you need is just one APEX EVO to start your activities with its excellent portability and efficient installation and adjustment.



Smooth and stable operation

APEX EVO has a large, full-color touch screen with a simple and refined interface. With digital sliders and a jog dial, it provides a very smooth and intuitive control interface, allowing you to get started easily.

Remote control and setup on mobile phones or tablets can also be achieved through the app, making the operation more comprehensive and accessible.



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.

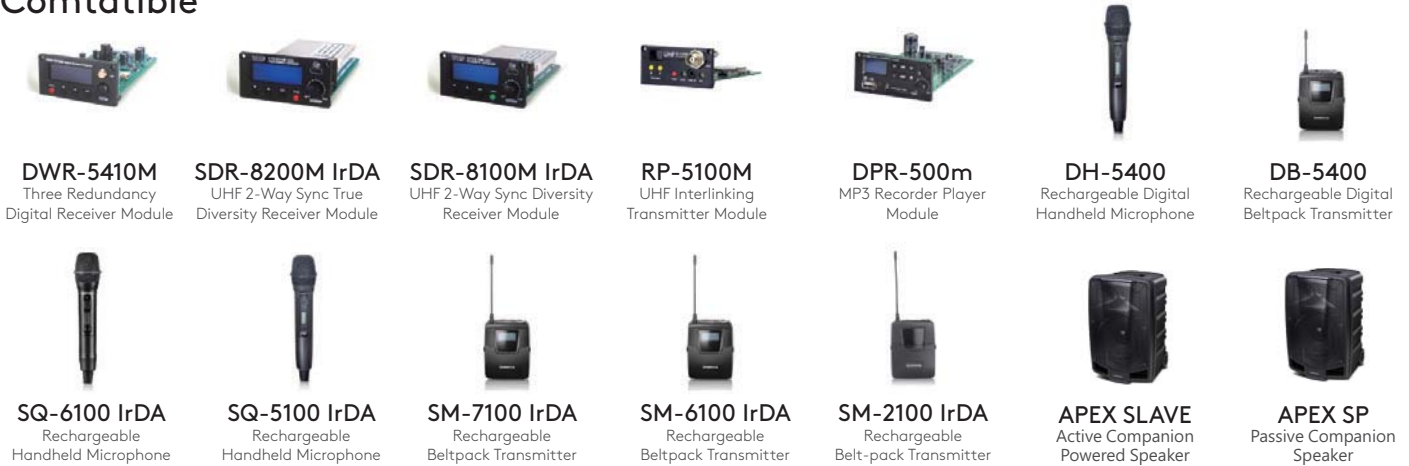
Able to connect active and passive speakers to extend the coverage. Under the wireless audio interlinking mode, 1 to many, the coverage immediately doubles and all blind spots disappear.



APEX EVO

Max power output	Dual 250W Class-D power amplifiers Built in 2-way 250W speaker system 250W ACTIVE output for external 4~8Ω speaker
Speaker system	10" LF, 1" HF and crossover
Frequency response	50Hz-20KHz±3dB
T.H.D.	< 0.5%
Audio input	MIC in x 2 (Ø6.3mm/XLR COMBO) LINE in x 3 (Ø6.3mm, Ø3.5mm, RCA R/L) ACTIVE in (XLR) BLUETOOTH in
Audio output	LINE out (Ø6.3mm) 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/5A) x2 or Lithium (25.9V/7.8A) 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: 20.3; Lithium: 17.3
Storage	Transmitter: handheld x 4 pcs or handheld x 2 pcs + belt-pack x 2pcs Switching power supply: 1pc

Compatible



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-500m
MP3 Recorder Player
Module

DH-5400
Rechargeable Digital
Handheld Microphone

DB-5400
Rechargeable Digital
Belt-pack Transmitter

SQ-6100 IrDA
Rechargeable
Handheld Microphone

SQ-5100 IrDA
Rechargeable
Handheld Microphone

SM-7100 IrDA
Rechargeable
Belt-pack Transmitter

SM-6100 IrDA
Rechargeable
Belt-pack Transmitter

SM-2100 IrDA
Rechargeable
Belt-pack Transmitter

APEX SLAVE
Active Companion
Powered Speaker

APEX SP
Passive Companion
Speaker

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)

12W0045
Lithium battery
(25.9V 7.8A)

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

DC-55
Dust-proof cover
(amplifier excluded)

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