

Flexible in configuration

- Wired / Wireless Microphone (VHF or UHF)
- Option for 2 fixed or PLL multi-channel RF modules
- Choice of CD player / Digital Recorder player
- Connection to external Active and Passive speakers

Original in design

Compact in size

Ultra light in weight

- only 6 Kg for full configuration

Super loud in sound

The most versatile compact size
Portable Sound System in the world

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Focus 505 Features

- Truly wireless! Battery operation eliminates all cables so you can take it anywhere.
- 6 1/2" speaker system with built-in 27W power amplifier.
- Choice of UHF PLL-synthesized / VHF wireless modules.
- Single or dual channel.
- Compressor circuitry improves S/N ratio and reduces background noise.
- Anti-interference Platone circuitry incorporated
- Built-in receiving antenna
- **CD player can be controlled via both front & rear sides by the remote.**
- Selection with CD / Cassette deck / Digital Recorder Player makes it the most versatile portable sound system in the world.
- MIC IN / AUX IN with dedicated volume control
- AUX IN for multimedia input with dedicated volume control.
- Separate tone controls by Bass & Treble
- AUX OUT & SPEAKER OUT
- Battery charging status indicator
- Selection of dynamic or condenser capsule for handheld transmitter.
- Mini phone jack connector for beltpack transmitter
- Dual power supply for AC or DC operation
- 100-240 V AC switching power supply
- Tripod mountable & carrying bag available (optional)

Suitable for

- Teaching
- Meeting / Training
- Church or religious functions
- Hotel / summer camp
- Outdoor activities



Focus 505 Selection



- ▶ RF modules
 - VHF 160-260MHz (Quartz locked)
 - UHF 600-900MHz (PLL 16 channels)
 - Maximum 2 RF modules allowed.



▶ CD/Digital player with USB input (STANDARD)

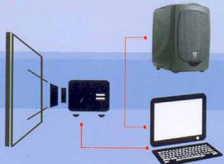


- ▶ CD/Digital player with USB input & Pitch control
 - Disc loading : Front loading
 - With remote control
 - Supply voltage: DC 12V (10~14V)
 - Power consumption : Within 5W
 - Dimensions : 160mm(W)x168.2mm(D) x 68.5mm(H)
 - Weight(approximate) :1.1kg



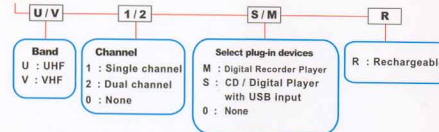
- ▶ Digital Recorder Player :
 - Equipped memory: 128 MB NAND flash memory
 - SD card memory slot
 - USB plug type: USB 1.1
 - Recording sample rate: 44.1KHz 128Kbps
 - Impedance: 10K ohms
 - Output level: 1 V +/- 2dB (1KHz/0dB)
 - Power request: +12Vdc / 500mA
 - Current consumption: < 350mA
 - Operating system: Window 98 , ME , 2000 , XP

Multimedia application



System selection

FOCUS 505



Amplifier Specifications

Receiver	RF module	
Frequency Range	UHF 600-900 MHz	VHF 160-260 MHz
Oscillation Type	PLL	Quartz-locked
Antenna	Built in	
Receiving Method	Non-Diversity	
Sensitivity	-90 dBm at S/N ratio > 60 dB	
Spurious Rejection	> 60 dB	
S / N Ratio	> 105 dB	
Peak Deviation	±40KHz	±15KHz
T.H.D	< 0.5%	
Frequency Response	50 Hz - 15KHz	
Output Power (RMS)	MAX50W / 27W / 4 Ω Load	
Speaker System	6 1/2"	
Audio Inputs	MIC IN , AUX IN	
Optional device	CD/Digital Player, Digital Recorder Player	
Audio Output	AUX OUT, EXT SPKR	
Power Supply	AC & Rechargeable Battery	
Rechargeable Battery Type	12V / 2.7 AH	
Dimension (H x W x D) mm	313 x 220 x 215	
Weight (kg)	MP3&CD: 6kg / MP3: 5kg / CD: 5.5kg	
Patent & Approval	FCC, CE	
Matching Microphone	SQ-5016/SM-5016 SQ-1016/SM-1016 SQ-916/SM-916 SQ-816/SM-816	SQ-316/SM-316 SQ-216/SM-216 Q-1002/M-1002

Microphone Specifications

UHF Model	SQ-5016	SQ-1016	SQ-916	SQ-816
Transmission Power	35mW	35mW	35mW	35mW
Batteries Used	AA x 2	AA x 2	9V x 1	AA x 3
Operating Time (AKLN)	12 hours	12 hours	12 hours	16 hours
Dimension (mm)	Φ46 x 240	Φ46 x 240	Φ50 x 260	Φ45 x 240
UHF Model	SM-5016	SM-1016	SM-916	SM-816
Transmission Power	5mW	5mW	35mW	35mW
Batteries Used	AA x 2	AA x 2	9V x 1	AA x 3
Operating Time (AKLN)	12 hours	12 hours	12 hours	16 hours
Dimension (mm)	100 x 66 x 24	100 x 66 x 24	98 x 66 x 22.5	120 x 67 x 26
VHF Model	SQ-316	SQ-216	Q-1002	
Transmission Power	35mW	35mW	35mW	
Batteries Used	9V x 1	AA x 3	9V x 1	
Operating Time (AKLN)	12 hours	12 hours	12 hours	
Dimension (mm)	Φ50 x 260	Φ45 x 240	Φ40 x 240	
VHF Model	SM-316	SM-216	M-1002	
Transmission Power	35mW	35mW	35mW	
Batteries Used	9V x 1	AA x 3	9V x 1	
Operating Time (AKLN)	12 hours	16 hours	12 hours	
Dimension (mm)	98 x 66 x 22.5	120 x 67 x 26	100 x 66 x 24	

Remark: The above specifications are subject to change without prior notice. Output power varies from country to country.



Accessories

<p>CY-62A Dynamic Capsule (CHIAYO)</p>	<p>MU-48C Dynamic Capsule Audio-Technica (Japan)</p>	<p>CY-75 Condenser Capsule (CHIAYO)</p>	<p>MC-85 Condenser Audio-Technica JAPAN</p>
<p>MC-15 Lavalier Microphone Audio-Technica (Japan)</p>	<p>MC-16 Lavalier Microphone (CHIAYO)</p>	<p>MC-17 Uni-directional Lavalier Microphone (CHIAYO)</p>	<p>MC-36 Lavalier Microphone (Japan)</p>
<p>MC-520 Lavalier Microphone (Switzerland)</p>	<p>MC-70 Uni-directional Headset Microphone (USA)</p>	<p>MC-72 Headset Microphone (CHIAYO)</p>	<p>MC-73 Headset Microphone Audio-Technica (Japan)</p>
<p>MC-745 Headset Microphone (Switzerland)</p>	<p>MC-75 Headset Microphone (CHIAYO)</p>	<p>MC-76 Uni-directional Headset Microphone (Switzerland)</p>	<p>12W0016 Rechargeable battery (12V/2.7AH)</p>
<p>HC-37 Beltpacq Transmitter (1.5V x 2)</p>	<p>HC-39 Beltpacq Transmitter (9V x 1)</p>	<p>SR-40 Wall bracket for Focus</p>	<p>ST-40 Tripod</p>
<p>DM-555 Dynamic Mini Microphone</p>	<p>Focus 505 Active Speaker</p>	<p>Focus 505 Passive Speaker</p>	<p>Q-1002 / M-1002</p>