

# WIRELESS MICROPHONE SYSTEMS



## WIRELESS SYSTEMS

### TRUE DIVERSITY RACK-MOUNT

System/Kit	WT-5800	MB-WT3	WM-5220	WM-4200	WM-4210	WM-4220	WM-5320	WM-5320A	WM-5320H
5800-5220	1	1	1						
5800-4200	1	1		1					
5800-4210	1	1			1				
5800-4220	1	1				1			
5800-5320	1	1					1		
5800-5320A	1	1						1	
5800-5320H	1	1							1

### SPACE DIVERSITY RACK-MOUNT

System/Kit	WT-5805	MB-WT3	WM-5220	WM-4200	WM-4210	WM-4220	WM-5320	WM-5320A	WM-5320H
5805-5220	1	1	1						
5805-4200	1	1		1					
5805-4210	1	1			1				
5805-4220	1	1				1			
5805-5320	1	1					1		
5805-5320A	1	1						1	
5805-5320H	1	1							1

### SPACE DIVERSITY PORTABLE

System/Kit	WT-5810	WM-5220	WM-4200	WM-4210	WM-4220	WM-5320	WM-5320A	WM-5320H
WS-5200*	1	1						
5810-4200	1		1					
5810-4210	1			1				
5810-4220	1				1			
WS-5300*	1					1		
5810-5320A	1						1	
WS-5300H*	1							1

\*pre-packaged systems (all in one box)

### MODULAR SPACE DIVERSITY RACK-MOUNT

System/Kit	WT-4820	WTU-4800	MB-WT3	WM-5220	WM-4200	WM-4210	WM-4220	WM-5320	WM-5320A	WM-5320H
4820-5220	1	1	1	1						
4820-4200	1	1	1		1					
4820-4210	1	1	1			1				
4820-4220	1	1	1				1			
4820-5320	1	1	1					1		
4820-5320A	1	1	1						1	
4820-5320H	1	1	1							1

### PORTABLE MEETING AMPLIFIERS

System/Kit	WA-1822	WA-1822C	WTU-4800	WM-5220	WM-4200	WM-4210	WM-4220	WM-5320	WM-5320A	WM-5320H
1822-5220	1		1	1						
1822-4200	1		1		1					
1822-4210	1		1			1				
1822-4220	1		1				1			
1822-5320	1		1					1		
1822-5320A	1		1						1	
1822-5320H	1		1							1
1822C-5220		1	1	1						
1822C-4200		1	1		1					
1822C-4210		1	1			1				
1822C-4220		1	1				1			
1822C-5320		1	1					1		
1822C-5320A		1	1						1	
1822C-5320H		1	1							1





# WIRELESS MICROPHONE SYSTEMS

## 5000 SERIES - NEW!

### WIRELESS MICROPHONE SYSTEMS

- Handheld, lapel and headset microphone systems
- 10 hours continuous transmitter operation from a single AA battery
- Scan function locates available frequencies
- True diversity reception
- Frequency-agile – 16 or 64 channels
- 692 - 722 MHz (TV Ch. 51-55)
- Up to 16 simultaneous systems
- Compatible with legacy UHF Password/Scout Series products
- FCC and UL listed
- Five year warranty



### WIRELESS TRANSMITTER OPTIONS

#### WM-5220

##### WIRELESS HANDHELD CONDENSER MICROPHONE

- Elegant, slim design
- Electret condenser mic element
- Unidirectional, cardioid pattern
- 16 selectable channels (UHF: 692 – 722 Mhz)
- ON/OFF switch with tab prevents the microphone from rolling
- Single AA battery (ten hours)
- Low battery indication
- Built-in antenna
- Mic clip and carrying pouch included



#### WM-5320

##### WIRELESS OMNI LAPEL MICROPHONE W/BODYPACK

- Omnidirectional electret condenser microphone and cable (4.25 ft.)
- Lightweight bodypack
- 64 selectable channels (UHF: 692 – 722 Mhz)
- Single AA battery (ten hours)
- Screw-on locking 3.5 mini-plug connector
- Adjustable mic sensitivity
- Built-in concealed antenna
- Low battery indication
- Mic clip, neck strap and carrying pouch included



#### WM-4200

##### HANDHELD MICROPHONE

- 64 selectable channels (UHF: 692 – 722 Mhz)
- Optimized for speech and vocals/singing
- Dynamic mic element with unidirectional, cardioid pattern
- Single 9V battery (ten hours)
- Low battery indication
- Mic clip and carrying pouch included



#### WM-5320A

##### WIRELESS AEROBICS HEADSET MICROPHONE W/BODYPACK

- Cardioid electret condenser headset microphone and cable (4.6 ft.)
- Lightweight bodypack
- 64 selectable channels (UHF: 692 – 722 Mhz)
- Single AA battery (ten hours)
- Locking 3.5 mini-plug connector
- Adjustable mic sensitivity
- Built-in concealed antenna
- Low battery indication
- Neck strap included
- Detachable headband and waist pouch included



#### WM-4210

##### VOCAL HANDHELD MICROPHONE

- 16 selectable channels (UHF: 692 – 722 Mhz)
- Optimized for vocals/singing
- Dynamic mic element
- Unidirectional, cardioid pattern
- Low handling noise
- Single 9V battery (ten hours)
- Low battery indication
- Mic clip and carrying pouch included



#### WM-4220

##### SPEECH HANDHELD MICROPHONE

- 16 selectable channels (UHF: 692 – 722 Mhz)
- Optimized for speech
- Electret condenser mic element
- Unidirectional, cardioid pattern
- Low handling noise
- Single 9V battery (ten hours)
- Low battery indication
- Mic clip and carrying pouch included



#### WM-5320H

##### WIRELESS HEADSET MICROPHONE W/BODYPACK

- Cardioid electret condenser headset microphone and cable (4.6 ft.)
- Flexible positioning
- Detachable foam windscreens
- Lightweight bodypack
- 64 selectable channels (UHF: 692 – 722 Mhz)
- Single AA battery (ten hours)
- Screw-on locking 3.5 mini-plug connector
- Adjustable mic sensitivity
- Built-in concealed antenna
- Low battery indication
- Neck strap included



\* All handheld, lapel and headset transmitters are compatible with WT-5800, WT-5805, WT-5810, WT-4800, WT-4810, and WT-4820 (16 channel models Bank 1 only) receivers.



# WIRELESS MICROPHONE SYSTEMS



## WIRELESS RECEIVER OPTIONS

### WT-5800

#### RACK-MOUNT WIRELESS TRUE DIVERSITY RECEIVER



- Compact half-rack size
- Scan function locates available frequencies
- Transmitter battery status display
- 64 selectable channels (UHF: 692 – 722 Mhz)
- TOA True Diversity assures reliable operation
- Three squelch types (Carrier, Noise, Tone)
- Front panel:
  - Output volume control
  - Power switch
  - LEDs: Antenna A/B, Battery, Peak and Power
  - Front Panel LCD with RF and AF Metering, Channel display and adjust, Squelch adjust and bypass, adjustable brightness
- Rear panel:
  - Outputs: XLR-M (mic) and 1/4" phone jack (line)
  - Mix-In 1/4" jack (line)
  - Antenna inputs (2)
  - Antenna loop outputs (2)
- Two Detachable Antennas Included
- Optional Rack-Mount Kits: MB-WT3 (One WT-5800) and MB-WT4 (Two WT-5800)
- Accessories:
  - WD-4800 Antenna Distributor for up to four WT-5800 (1RU)
  - YW-4500 Remote Antenna

### WT-5805

#### RACK-MOUNT WIRELESS SPACE DIVERSITY RECEIVER



- Compact half-rack size
- Scan function locates available frequencies
- Transmitter battery status display
- 64 selectable channels (UHF: 692 – 722 Mhz)
- TOA Space Diversity assures reliable operation
- Three squelch types (Carrier, Noise, Tone)
- Front panel:
  - Output volume control
  - Power switch
  - Channel display and adjust
  - Squelch adjust and bypass
  - LEDs: Antenna A/B, Battery, Peak and Power
  - RF and AF Meters
  - Front Panel LCD, Antenna and Peak LEDs
- Rear panel:
  - Outputs: XLR-M (mic) and 1/4" phone jack (line)
  - Mix-In 1/4" jack (line)
  - Antenna inputs (2)
- Two Detachable Antennas Included
- Optional Rack-Mount Kits: MB-WT3 (One WT-5805) and MB-WT4 (Two WT-5805)
- Accessories:
  - WD-4800 Antenna Distributor for up to four WT-5800 (1RU)
  - YW-4500 Remote Antenna

### WT-5810

#### PORTABLE WIRELESS SPACE DIVERSITY RECEIVER



- Compact design for shelf-mount applications
- Scan function locates available frequencies
- Transmitter battery status display
- 16 selectable channels (UHF: 692 – 722 Mhz)
- TOA Space Diversity assures reliable operation
- Three squelch types (Carrier, Noise, Tone)
- Front panel:
  - Built-in antennas (2)
  - Output volume control
  - Power switch
  - Channel display and adjust
  - Squelch adjust and bypass
  - LEDs: Antenna A/B, Battery, Peak and Power
- Rear panel:
  - Outputs: XLR-M (mic) and 1/4" phone jack (line)
  - Mix-In 1/4" jack (line)

### WT-4820

#### MODULAR DUAL CHANNEL WIRELESS MICROPHONE RECEIVER



- Compact — up to two wireless channels in a half-rack space
- Two module slots for WTU-4800 Diversity Receiver Modules
- Sixteen channel frequency-agile, UHF Band (692 - 722 MHz)
- Up to sixteen simultaneous channels in only four rack spaces!
- Two detachable antennas and power supply included
- Front panel:
  - Individual output volume control for each channel
  - Frequency adjustment access
  - Antenna A/B and peak LED's
- Rear panel:
  - Individual channel outputs plus mix output
  - Antenna outputs with support for optional remote powered antenna
  - Mixing input for audio output of second WT-4820 or other source
  - Antenna cascade output for linking two WT-4820 units
- FCC and UL Listed
- Optional rack-mount kits (1 RU): MB-WT3 (one WT-4820) / MB-WT4 (two WT-4820)

### WTU-4800

#### WIRELESS RECEIVER MODULE for WT-4820 or WA-1822/C



- 1 per transmitter
- 2 max. per WT-4820 or WA-1822/C

See page 51 for discontinued wireless cross-reference.

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# WIRELESS MICROPHONE SYSTEMS

## 200/300 SERIES - NEW!

### WIRELESS MICROPHONE SYSTEMS

- Four switchable UHF frequencies
- Up to 4 simultaneous systems
- Handheld and lapel microphone systems
- 10 hours continuous transmitter operation from a single 9V battery
- FCC and UL listed
- Five year warranty

#### WS-200

##### HANDHELD WIRELESS MICROPHONE SYSTEM

- 4 selectable channels (UHF: 692 – 722 Mhz)
- Built-in antennas (2)
- LEDs: Power, RF Level, Antenna A/B and Peak
- Output volume control
- Outputs: XLR-M and 1/4" phone jack
- Channel and squelch adjust
- Dynamic cardioid handheld microphone
- Single 9V battery (ten hours)
- Low battery indication



#### WS-300

##### LAPEL WIRELESS MICROPHONE SYSTEM

- 4 selectable channels (UHF: 692 – 722 Mhz)
- Built-in antennas (2)
- LEDs: Power, RF Level, Antenna A/B and Peak
- Output volume control
- Outputs: XLR-M and 1/4" phone jack
- Channel and squelch adjust
- Condenser omnidirectional lapel microphone with bodypack.
- Single 9V battery (ten hours)
- Low battery indication



#### WA-1822

#### WA-1822C

##### PORTABLE WIRELESS MEETING AMPLIFIERS

- Portable, self-contained PA system
- Wired or wireless microphone options
- Easy setup and operation
- Handheld, lapel or headset wireless transmitters (optional)
- Up to two WTU-4800 wireless receiver modules - UHF diversity, 16 ch. frequency-agile (optional)
- Auto-reverse cassette player/recorder (WA-1822C)
- Lightweight two-way enclosure - 8" woofer and CD horn
- High sound output (20 W)
- AC or battery-powered (8 "D" cells)
- Wired microphone input



- Aux input for external music source
- Line output for external PA system
- External speaker output
- Protective cover included
- Five year warranty

### WIRELESS ACCESSORIES

#### MB-WT3

##### RACK-MOUNT KIT FOR ONE WT-5800/ WT-4820



#### MB-WT4

##### RACK-MOUNT KIT FOR TWO WT-5800/ WT-4820



#### WD-4800

##### ANTENNA DISTRIBUTOR

- Antenna and DC power distribution for up to (4) WT-5800
- Two paralleled front and rear panel antenna inputs, eight antenna outputs, BNC-Type
- Use with whip antennas (included with WT-5800) or two YW-4500 Remote Antennas
- Optional rack-mount kit, model MB-15B (1 RU)



#### YW-4500

##### REMOTE DIPOLE ANTENNA FOR WT-5800 OR WD-4800

- Fixed-mount for permanent installation, 8 dB gain
- Maximum connection distance: RG-6/U - 115 ft. (35 m) RG-11/U - 165 ft. (50 m)



See page 51 for discontinued wireless cross-reference.

