MODEL W108T
RF Power Output: 50 mV maximum
Input Impedance: Actual: 16k (20k dc), pin 4 wired to pin 3 for WL2 microphone; 91k, pin 4 open for microphone or instrument pickup
Maximum Output Level:
Gain pot minimum, gain switch high = 432 mVrms
Gain pot minimum, gain switch low = 1.075 Vrms
Antenna: Attached, 360mm (12 in.), omni-directional, flexible wire
Battery: Standard 9-volt alkaline; 6-8 hours typical life

MODEL WL83
Type: Condenser
Frequency Response: 50 to 16,000 Hz
Polar Pattern: Omnidirectional
Output Impedance: 1,200 ohms
Output Level:
Open Circuit Voltage* = -65.3 dB (53 mV)
Maximum Sound Pressure Level: 136 dB

MODEL WL84
Type: Condenser
Frequency Response: 50 to 16,000 Hz
Polar Pattern: Super-cardioid (unidirectional)
Output Impedance: 1,200 ohms
Output Level:
Open Circuit Voltage* = -66 dB (50 mV)
Maximum Sound Pressure Level: 136 dB

MODEL WM98
Type: Condenser
Frequency Response: 40 to 20,000 Hz
Polar Pattern: Cardioid (unidirectional)
Output Impedance: 1,200 ohms
Output Level:
Open Circuit Voltage* = -74.0 dB (0.2 mV)
Maximum Sound Pressure Level: 144 dB

MODEL WM15
Type: Condenser
Frequency Response: 50 to 15,000 Hz
Polar Pattern: Cardioid (unidirectional)
Output Impedance: 1,200 ohms
Output Level:
Open Circuit Voltage (clipped at 1 kHz) = -31.0 dB (2.82 mV) at 10 mm (0.39 in.), -32.5 dB (2.37 mV) at 60 mm (2.4 in.)
Maximum Sound Pressure Level: 141 dB
RF frequency range on all wireless units is 163-216 MHz, high band VHF-FM. 15 frequencies are stocked.

MODELS AMS4000 & AMS8000 MIXER
Output Level:
Microphone Input: 72 dB SPL (in)
Line: +15.8 dBV (+18 dBm)
Mic: -34 dB
Aux: +17 dBV
Direct: -56 dBV
Phones: -4 dB
Input Clipping Level at 1 kHz: 128 dB SPL
Aux Input: +22 dBV (in)
Line: -15.8 dBV
Mic: -34 dB
Aux: +17 dBV
Phones: -4 dB
Input Clipping Level at 1 kHz: +7 to +20 dBV*
*Depending on Aux control setting.
Frequency Response:
Aux Input to Outputs: 30 to 20,000 Hz ±2 dB
Mic Input to Outputs: 70 to 20,000 Hz ±2 dB (controlled low-frequency rolloff below 50 Hz)
Operating Voltage: 105-132 Vac, 50/60 Hz, 20W. Can be rewired for 210-264 Vac, 50/60 Hz, 20W.

MODEL AMS880 VIDEO SWITCHER INTERFACE
Inputs: Eight, plus ground, TTL logic level
Outputs: Eight, plus common, FET optically isolated; not connected to input ground
External power transformer: 120 Vac ±10%, 60 Hz, 6W

MODEL SC35C
Style Configuration: Spherical
Mounting Style: 1/2-inch
Tracking Frequency Range: 4.0 to 5.0 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 10 dB at 1 kHz

MODEL BC70
Style Configuration: Elliptical
Mounting Style: P-mount
Tracking Frequency Range: 1.0 to 1.5 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 10 dB at 1 kHz

MODEL BC80
Style Configuration: Spherical
Mounting Style: 1/2-inch
Tracking Frequency Range: 2.5 to 3.5 grams
Frequency Response: 20 to 15,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 10 dB at 1 kHz

MODEL BC90
Style Configuration: Elliptical
Mounting Style: 1/2-inch
Tracking Frequency Range: 1.0 to 1.5 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 10 dB at 1 kHz

MODEL DC40
Style Configuration: Spherical
Mounting Style: 1/2-inch
Tracking Frequency Range: 2.5 to 3.5 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 10 dB at 1 kHz

MODEL DC50
Style Configuration: Elliptical
Mounting Style: 1/2-inch
Tracking Frequency Range: 1.0 to 1.5 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 20 dB at 1 kHz

MODEL DC60
Style Configuration: Elliptical
Mounting Style: 1/2-inch
Tracking Frequency Range: 1.0 to 1.5 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 5.0 mV
Channel Separation: 20 dB at 1 kHz

MODEL 1200 POWERMIXER
Type: Mono Powermifier
Frequency Response: Flat +1, –3 dB, 40 Hz to 20 kHz (any input to any output)
Inputs: Six input channels: six unbalanced high- or balanced low-impedance inputs; channels 1 and 2 high-impedance inputs switchable to Aux level, available separation modules each contain 2 high- and low-impedance microphone inputs; four modules (4 channels) can be added to each 1200.
Power Output: (1 kHz, 120 Vac, 1% THD)
200 watts minimum with 4 ohm speaker
120 watts minimum with 8 ohm speaker

MODEL 3100/3200 SPEAKER
Power Rating: Maximum recommended amplifier output to 8 ohms: 120 watts program, 30 Vrms, 44 V peak
Frequency Response: 60 Hz to 13 kHz ±5 dB
Impedance: 8 ohms rated 5.5 ohms minimum
Sound Pressure Level: 98 dB SPL at 1 m with 1 W input (2.83 V)

MODEL SC39EJ
Style Configuration: Bifilar (elliptical)
Mounting Style: 1/2-inch
Tracking Frequency Range: 1.5 to 3.0 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 4.0 mV
Channel Separation: 20 dB at 1 kHz

MODEL SC39B
Style Configuration: Spherical
Mounting Style: 1/2-inch
Tracking Frequency Range: 1.5 to 3.0 grams
Frequency Response: 20 to 20,000 Hz
Output Voltage: 4.0 mV
Channel Separation: 20 dB at 1 kHz

*0 dB = 1 Vμbar