

WMS-100

B08301

DESCRIPTION

UHF wireless microphone system including WMIC-100 hand microphone

FEATURES

- UHF wireless microphone system including WMIC-100 hand microphone.
- Hand microphone can be used with rechargeable batteries!
- Diversity reception for better stability and avoid signal dropouts.
- Adjustable squelch for stable reception, free from unwanted noise.
- Tone squelch for improved reliability.
- 16 selectable frequencies via PLL synthesizer: **up to 6 sets** can be used together.
- Antennas on front panel for easy rack mounting.
- Optional "RP-WMIC" 19" adapter available for rack mounting of 1 or 2 receivers
- Balanced XLR and unbalanced jack output.
- **Frequency range: 823-832/863-865MHz** (free use in most European countries)

Receiver

- **Carrier Frequency range: 823-832/863-865MHz**
- Frequency Stability: $\pm 0,005\%$
- Receiving Sensitivity: @ 5 μ V S/N ratio >80dB
- Image and Spurious Rejection: 80 dB minimum
- Selectivity: 50dB
- Modulation Mode: FM
- Receiver type: PLL synthesized, switching diversity
- IF Frequency: 1st: 243.95MHz ~ 2nd: 10.7MHz
- Tone Signal: 32,768KHz
- S/N ratio: 94dB, @ 20kHz deviation & 60mV antenna input
- AF Response: 80Hz to 15kHz (± 3 dB)
- T.H.D.: Less than 1,0% (at 1kHz)
- Power Supply: DC 12V ~ 18V
- Audio Output: Balanced & unbalanced outputs (Mic.= -20dB / Line = 0dB)
- Current consumption: 130mA +/-10mA

Handheld microphone transmitter

- **Carrier Frequency range: 823-832/863-865MHz**
- RF Power Output: 10mW (max.)
- Oscillation Mode: PLL synthesized, 16Channel selectable
- Frequency Stability: $\pm 0,005\%$
- Maximum Deviation: ± 20 kHz with limiting compressor
- Spurious Emission: 60dB below carrier frequency
- T.H.D.: 1,0% (at 1KHz)
- Microphone Capsule: uni-directional dynamic
- Tone Signal: 32,768 kHz
- Battery: DC 3V (2x 1,5V AA size alkaline batteries) OR DC 2.4V (2x 1,2V AA size rechargeable batteries)
- Current consumption: 120mA ± 10 mA @ 3V



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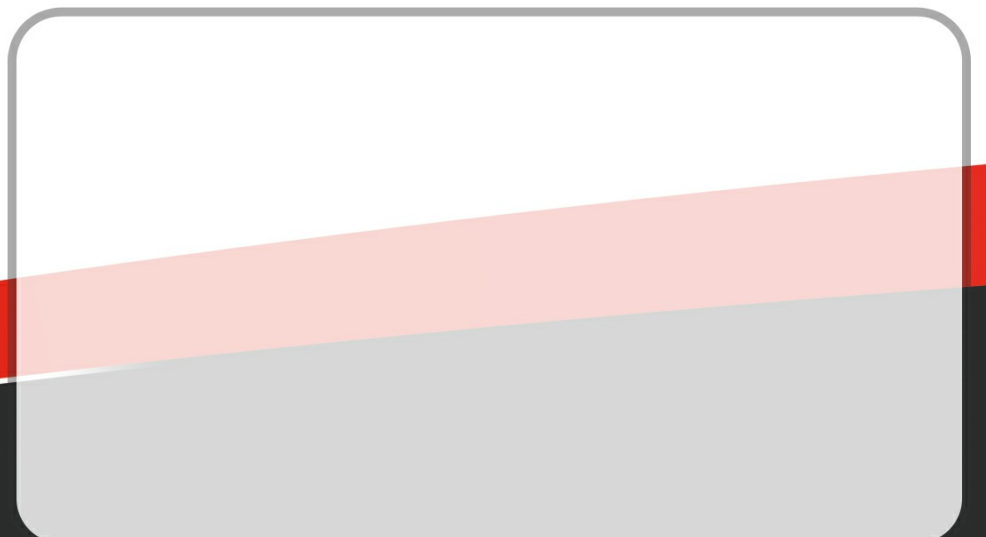




TECHNICAL SPECIFICATIONS

General : Application	DJ & Club, Stage & Rental
General : Weight (kg)	0.8
General : Powerinput	Battery
General : Energy Label	No
General : Color	black
Audio : min. frequency (Hz)	80
Audio : max. frequency (Hz)	15000
Audio : sensitivity (dB 1W/1m)	80
Audio : microphone direction	Unidirectional
Brand	JB SYSTEMS
EANCode	5420025683012
Discontinued	No

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