

BOGEN®

UHF PLL Single Channel Diversity Wireless Microphone Systems

Models UHF8011BP, UHF8011HH

Bogen's **UHF8011BP** and **UHF8011HH Wireless Microphone Systems** offer users the freedom to move around while speaking. System choices consist of an 1,440-channel PLL single channel UHF receiver coupled with either a body-pack transmitter (UHF8011BP) with lavalier microphone, or a wireless handheld microphone (UHF8011HH).

SYSTEM COMPONENTS

UDR8011 Single Channel UHF PLL Receiver

- Offers 1,440 user-selectable frequencies in UHF 470-960 MHz band; 120 dB dynamic range; operation up to 500 feet line-of-sight
- Antenna diversity for maximum range and dropout protection, LCD screen, 1/4" unbalanced and XLR balanced outputs, noiseless transmitter ON/OFF switching, and digital level control for output
- Half-rack receiver design with detachable, rear dual antennas, powered by wall power adapter (included)
- Base unit: 8" W x 1-5/8" H x 6-1/2" D; 1 lb.
- Detachable Antenna: 12" Long (fully extended); 4 oz.

UBP8011 Body-Pack Transmitter

- Audio mute switch allows convenient audio muting while leaving the transmitter "ON"
- LED and LCD display
- 4-Pin, Mini-XLR connection
- Convenient, economical operation with two (2) AA alkaline or NiMH batteries (not included)
- 2-1/4" W x 4" H x 1" D; 2.8 oz. (without batteries)

Lavalier Microphone (Model BCLM1) and Headset Microphone (Model UHFHSM-B) sold separately.

UHT8011 Wireless Handheld Microphone

- Sleek housing with internal antenna for optimum aesthetics and durable long life
- Unidirectional dynamic cartridge for optimum sound, maximum feedback rejection, and minimal handling noise
- Audio mute switch allows convenient audio muting while leaving the transmitter "ON"
- LED and LCD display
- Convenient, economical operation with two (2) AA alkaline or NiMH batteries (not included)
- 10-1/2" long x 2" dia.; 10 oz.

BCLM1 Lavalier Microphone

- Condenser Mic for use with UBP8011 Body-Pack
- Windscreen Mic cover; body attachment clip
- 5-foot long, 4-Pin mini-XLR connector cable
- Round 0.5" dia. x 1"; 4 oz.



UHF8011BP

SYSTEM INCLUDES:

- UDR8011 UHF Receiver
- UBP8011 Body-Pack Transmitter
- BCLM1 Lavalier Mic



UHF8011HH

SYSTEM INCLUDES:

- UDR8011 UHF Receiver
- UHT8011 Handheld Mic

TECHNICAL SPECIFICATIONS

	UDR8011
Frequency Mode	Phase-locked loop (PLL)
Frequency Range	470 ~ 960 MHz
Sync Frequency	Ultrasonic
Bandwidth	36 MHz
Signal/Noise Ratio	> 105 dB(A)
Total Harmonic Distortion (Thd)	< 0.6% @ 1kHz
Receiving Sensitivity	-95 dBm (S/N > 80 dB)
Rejection Ratio	> 80 dB
Frequency Response	50 Hz ~ 16 kHz ± 2 dB
Antenna Type	1/2 λ BNC detachable, diversity
Antenna Power	12-15 VDC / 100mA
Display Type	LCD
Controls	Power, Set, ▲ / ▼, Button Lock, Sync
Display Functions	Group, channel, frequency, battery level, antenna A/B, muting level, AF indication, RF indication, channel scanning, output level attenuation, volume indication
Audio Frequency Output Level	Ref : ± 22.5 kHz Dev @ 1 kHz Tone 1/4" Jack: -10 dBV (unbalanced) XLRM Jack: -4 dBV (Line), -24 dBV (MIC) (balanced)
Audio Output Impedance	600Ω
Muting	Noise/Squelch muting
Output Port	1 x balanced XLRM Jack 1 x unbalanced 1/4" TS Jack
Power Supply	12-15 VDC / 300mA
Dimensions	8.35" (W) x 1.5" (H) x 5.6" (L)

	UBP8011
Frequency Mode	Phase-locked loop (PLL)
Frequency Range	470 ~ 960 MHz
Sync Frequency	Ultrasonic
RF Power Output	10m W / 50 m W (as per local regulations)
RF Stability	< ± 10 kHz @ Fc
Modulation Frequency	± 48 kHz
Harmonic Radiation	< -50 dBc
Functions	Mute, auto off, sensitivity adjustment, input level attenuation, group, channel, frequency
Display	LCD + LED
Input	4-pin Mini XLR
Controls	Power, Mute, Set, ▲ / ▼
Battery	AA alkaline battery or NiMH rechargeable battery (x 2)
Charging	Yes
Dimensions	2.4" (W) x 3.8" (H) x 0.78" (L)

	UHT8011
Frequency Mode	Phase-locked loop (PLL)
Frequency Range	470 ~ 960 MHz
Sync Frequency	Ultrasonic
RF Power Output	10m W / 50m W (as per local regulations)
RF Stability	< ± 10 kHz @ Fc
Modulation Frequency	± 48 kHz
Harmonic Radiation	< -50 dBc
Display	LCD + LED
Controls	Power, Mute, Set, ▲ / ▼, Button Lock
Functions	Mute, auto off, sensitivity adjustment, group, channel, frequency
Battery	AA alkaline battery or NiMH rechargeable battery (x 2)
Charging	Yes
Dimensions	2" (W) x 10.5" (H)

The UHF Receiver (UDR8011), Handheld Microphone (UHT8011), Body-Pack Transmitter (UBP8011), and Lavalier Microphone (BCLM1) all can be purchased separately as individual items/accessories.

SYSTEM ACCESSORIES

