

# AUDIX PERFORMANCE SERIES

SCAN. SYNC. PLAY!



## AUDIX®

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# AUDIX PERFORMANCE SERIES

Whether you are a vocalist, musician, performer or presenter, the Audix Performance Series is designed to take the mystery out of wireless with a professional-grade system that is simple, reliable and versatile.

Going from set up to performance is as easy as:



## SCAN

Press the hot key to scan for a clear frequency (6 seconds).



## SYNC

Press the sync key to lock in the transmitter to the receiver (2 seconds).



## PLAY!

You are now free to roam the stage!

## RECEIVERS

Available in single and dual rack mountable models, the receivers for the Audix Performance Series feature a contemporary design, rugged construction and intuitive menus.

### Single Channel

#### R41



R41

- 32 MHz Extended spectrum receiver
- Microprocessor-controlled antenna diversity
- 8 compatible system operation
- 106 pre-coordinated frequencies for quick, easy and reliable set up
- 300' (91 Meters) operating range
- Metal rack mountable chassis
- RF and AF indicators
- High contrast LCD display
- One-touch auto scan searches for clear channel
- One-touch sync links transmitter to receiver via infrared beam
- Choice of balanced XLR or 1/4" outputs
- Soft keys control output levels, squelch, pilot, lockout
- Wide selection of handheld, instrument, headset and lavalier options

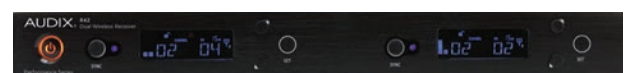
#### R61



R61

- 64 MHz Wide spectrum tuning receiver
- True diversity, dual receiver modules
- 16 compatible system operation
- 207 pre-coordinated frequencies for quick, easy and reliable set up
- 2560 tunable frequencies
- 300' (91 Meters) operating range
- Metal rack mountable chassis
- RF and AF indicators
- High contrast LCD display
- One-touch auto scan searches for clear channel
- One-touch sync links transmitter to receiver via infrared beam
- Choice of balanced XLR or 1/4" outputs
- Soft keys control output levels, squelch, pilot, lockout
- Wide selection of handheld, instrument, headset and lavalier options

**Dual Channel (R42 and R62)** | Dual channel system housed within a durable rack mount receiver. Operates with one set of antennas and one power supply.



Four dual systems may be used with one ADS48 antenna distribution system.

## TRANSMITTERS

Audix Performance Series transmitters consist of both handheld and bodypack designs.

**Handheld H60** | The H60 features an elegantly designed slim line body that is compact, well-balanced and comfortable to hold.



- 64 MHz Wide spectrum transmitter (works with all Performance Series receivers)
- Durable metal housing
- May be used with dynamic (OM Series) and condenser microphones (VX5)
- AF and RF gain control
- Modular and interchangeable capsule assemblies
- High contrast LCD display with group, channel and battery indicator
- Soft mute switch
- 10 Hour Run Time - AA batteries

**Bodypack B60** | The Audix Performance Series body pack system is very contemporary in design, rugged, comfortable to wear and easy to use.



- 64 MHz Wide spectrum transmitter (works with all Performance Series receivers)
- Precision metal housing
- Lightweight, slim design
- Modular antenna design
- May be used with lavalier, head worn and instrument mics as well as electric guitar and bass
- AF and RF gain control
- High contrast LCD display with group, channel and battery indicator
- Soft mute switch
- 10 Hour Run Time - AA batteries

## SYSTEMS

Below are some of the system options available. Systems include receiver, antennas, power supply, bodypack or handheld transmitter and microphone.



### 1. HANDHELD

OM2 | OM5 | VX5



### 2. LAVALIER

L5 | ADX10



### 3. HEADWORN

HT2 | HT5 | HT7



### 4. INSTRUMENT

Guitar | Sax | Flute



### 5. COMBO

Guitar and Vocal | Lavalier and Vocal

# SPECIFICATIONS

	<b>R41</b>	<b>R61</b>
Frequency Range	522 MHz – 554 MHz / 554 MHz - 586 MHz	522 MHz – 586 MHz
Bandwidth	32 MHz	64 MHz
Compatible Systems	8 compatible system operation	16 compatible system operation
Switchable Frequencies	106 preset frequencies	207 preset frequencies
Manual Mode	n/a	2560 frequencies (spaced 25 KHz apart)
Frequency Response	45 Hz – 18 kHz	45 Hz – 18 kHz
Signal to Noise Ratio	>105 dB	>105 dB
Compander System	2:1	2:1
Pilot Tone	32 kHz	32 kHz
Receiving System	Single tuner, antenna diversity	Dual tuner, true diversity
Signal-to-Noise Ratio	105 dB at 30 kHz deviation (IEC-weighted)	112 dB at 30 kHz deviation (IEC-weighted)
Total Harmonic Distortion	≤.7% (10 kHz deviation at 1 kHz)	≤.4% (10 kHz deviation at 1 kHz)
Sensitivity	5 dBμV (S/N 60 dB at 25 kHz deviation, IEC-weighted)	5 dBμV (S/N 60 dB at 25 kHz deviation, IEC-weighted)
Intermediate Frequency	110.6 MHz, 10.7 MHz	110.6 MHz, 10.7 MHz
Audio Output (AF=0)	1/4" 1100 mV (at 1 kHz, 10 kHz deviation, 10 k ohm load Balanced: 2200 mV (at 1 kHz, 10 kHz deviation, 600 ohm load	1/4" 1100 mV (at 1 kHz, 10kHz deviation, 10k ohm load Balanced: 2200mV (at 1 kHz, 10kHz deviation, 600 ohm load
Output Connectors	1/4", XLR	1/4", XLR
Nominal / Peak Deviation	Balanced: -12 to +9 dBu Line: -24 to +4 dBu (adjustable in 3 dB-steps)	Balanced: -12 to +9dBu Line: -24 to +4dBu (adjustable in 6 dB-steps)
Adjacent Channel Rejection	>65 dB	>65 dB
Intermodulation Spacing	>65 dB	>65 dB
Image Rejection	>70 dB	>70 dB
Range	300', (91 M)	300', (91 M)
Power Supply	100 - 240V / 50 - 60 Hz, 12V DC, 1A	100 - 240V / 50 - 60 Hz, 12V DC, 1A
Dimensions	205 mm (W) x 206 mm (D) x 44 mm (H) 406 mm (W) x 209 mm (D) x 44 mm (H) (R42)	205 mm (W) x 206 mm (D) x 44 mm (H) 406 mm (W) x 209 mm (D) x 44 mm (H) (R62)
Net Weight	1.92 lbs. / 870 g 4.75 lbs. / 2.1 kg (R42)	2.43 lbs. / 1.1 kg 4.75 lbs. / 2.1 kg (R62)

	<b>H60</b>	<b>B60</b>
RF Power Output	10 mW, 40 mW	10 mW, 40 mW
Frequency Bandwidth	64 MHz	64 MHz
Gain Controls	0 dB, -6 dB, -12 dB	0 db, -6 dB, -12 dB
Input Connector	n/a	3 pin mini-XLR
Battery (not included)	2 AA 1.5 V	2 AA 1.5 V
Current Consumption	110 mA typical	110 mA typical
Battery Life	Approximately 10 hours (depending on battery type and usage)	Approximately 10 hours (depending on battery type and usage)
Input Impedance	n/a	Mic: 10k Ohm, Line: 1M Ohm
Max Sound Pressure Level	>140 dB (depending on capsule)	approx. 128 db to 140 dB (depending on mic)
Dimensions	2.1" diameter body, 10.43" (L), 53 mm diameter body, 265 mm (L)	67 mm (W) x 90 mm (L) x 17 mm (D) 2.6" (W) x 3.5" (L) x .67" (D)
Net Weight	11.0 oz / 312 g (without battery)	3.0 oz / 85 g (without battery)