

## RF Wireless In-Ear Monitor Systems

# EK 3053-U

Designed specifically for touring and rock bands, Sennheiser's new EK 3053-U Wireless Personal In-Ear Monitor Receiver offers users 16 selectable UHF frequencies in two operational modes: stereo or "focus mix". By using the "focus mix" option, a performer can adjust his or her volume level relative to the rest of the band. A larger-than-usual volume knob provides easy tactile control.

The rugged all metal receiver provides in ear monitoring protection via Sennheiser's HiDyn *stage* noise reduction system, which maximizes effective signal to noise ratio, and a separate switchable limiter to help insure hearing protection. The receiver is designed for use with most transducers including the custom molded type suggested by many audiologists. To meet the demands of touring and rock bands, the EK 3053-U offers a higher output level than its broadcast IFB counterpart, the EK 3052-U.

The EK 3053-U has an operating range of 500 - 1000 feet. It incorporates the same unique RF architecture found in Sennheiser's other RF products, which allows operation of over 80 channels simultaneously with retuning flexibility to address forthcoming DTV TV channels.

### Features

- 16 switchable UHF frequencies
- DTV compatible
- HiDyn *stage* noise reduction system
- Easy-to-find, large volume knob makes adjustments a breeze
- LED indicators for RF signal, operation and battery status
- All metal construction
- 1-year warranty



### Recommended Accessories

S 43965	Belt clip
S 48819	Antenna

### Technical Data - EK 3053-U

Receiver frequencies	16
Frequency range	450-960 MHz
Switching bandwidth	24 MHz
Modulation	Wideband FM, stereo
Nominal/peak deviation	± 40 kHz/ ± 56 kHz
Adjacent channel reduction	≥ 80 dB
Sensitivity	• 2 µV (mono) • 10 µV (stereo)
Noise reduction system	HiDyn <i>stage</i>
AF frequency response	45 - 15,000 Hz
Signal-to-noise ratio	87 dB(A)
THD (1 kHz)	± 0.3%
Image rejection	65 dB
Power supply	9 V battery
Operating time	Approx. 5 hours
Dimensions	4.3" x 2.6" x 0.9"
Weight with battery	Approx. 8.3 oz.

### Delivery Includes

- 1 EK 3053 receiver
- 1 Antenna
- 1 9V battery