

## PCT-3000

### Professional Wideband True Diversity Auto-Scan Wireless Microphone System



#### Features

- ▶ Run up to 48 microphones interference-free in a single venue, maximum 10 channels per group at a time
- ▶ 29 preset channel groups plus one user-defined group, 16 channels per group (480 channels total)
- ▶ Clear display offers frequency information for ultimate control over transmission
- ▶ Rapid auto-scan syncing with transmitters for easy, immediate operation
- ▶ Balanced and unbalanced output through XLR and ¼" TRS phone jacks
- ▶ Advanced diversity circuitry helps to improve stability and avoid dropouts
- ▶ Broad channel range makes multiple systems ideal for use at any one time
- ▶ Rear-panel +10, 0, -6 dB switch for contouring level to input devices
- ▶ Stable performance even in the event that multiple units or channels are used
- ▶ Flexible noise squelch technology for clear, noise-free performances every time
- ▶ Detachable diversity antennas for flexible setup and installation
- ▶ Transmitters feature LCD screens with battery and frequency monitoring/control
- ▶ Perfect for Karaoke (KTV) bars and live stage performances

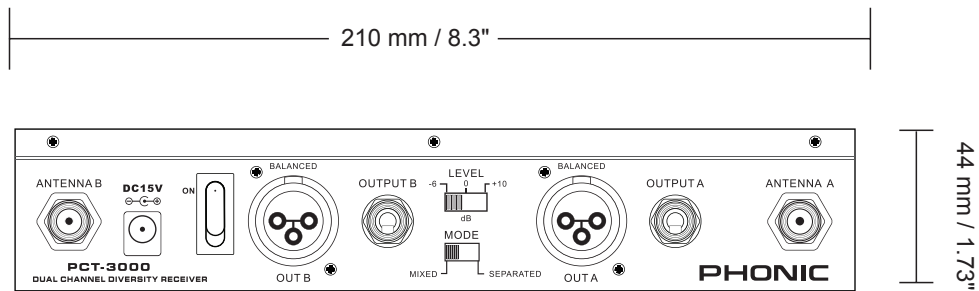
#### Description

Large-scale venues that need up to 48 microphones require a somewhat sophisticated setup. The new Phonic PCT-3000 dual channel wireless microphone systems allow users to search over 29 preset channel groups and set up a single user-definable group, with 480 independent usable channels, allowing for the cleanest transmission possible. Up to 48 microphones can be used at one time in a single venue (dependent on venue conditions) while a maximum of 10 channels can be used in each channel group. The PCT-3000 receiver provides an ultra-wide bandwidth of 72MHz that provides flawless operation, while the WM-X handheld microphones deliver on reliability, durability and flexibility. Phonic also offers WL-X and WH-X wireless bodypacks with lavalier and headset microphones. Utilizing UHF for maximum range and PLL-synthesized technology for RF stability, the Phonic PCT-3000 wideband wireless microphone systems are the logical choice for boardrooms, houses of worship, lecture halls and live bands in any sized venue.

# PCT-3000

## Dimensions

## Wideband True Diversity Wireless Microphone System



## Specifications

|                               |  |
|-------------------------------|--|
| Channels                      | Two  |
| Chassis                       | Compact  |
| Antenna                       | Detachable rear panel antennas   |
| Preprogrammed Frequencies     | 29 preset groups and 1 user-defined group (16 channels per group)  |
| Receiving Mode                | Diversity  |
| Carrier Frequency Range       | UHF 500 to 875 MHz (dependent on region)   |
| Max. Simultaneous Microphones | Up to 10 channels per group (max. 48 microphones in a venue)   |
| Operating Distance            | Up to 70 meters / 230 feet   |
| Bandwidth                     | 72 MHz   |
| Oscillation                   | PLL Synthesized, Frequency Stability $\leq \pm 0.005\%$ (-10~+60°C)  |
| S/N Ratio                     | >105dB (A-weighted)  |
| T.H.D.                        | <0.5% @ 1 kHz  |
| Frequency Response            | 50Hz to 18kHz  |
| Sensitivity                   | S/N >76dB at 10 microV   |
| Squelch                       | Dual Channel Squelch   |
| Output Connector              | 1/4" TRS & Balanced XLR (each channel)   |
| Output Level                  | Selectable: +10dBV, 0dBV, -6dBV  |
| Microphones (Sold Separately) | WM-X (Handheld), WL-X (Lavalier Set), WH-X (Headset Set)<br>Long battery life through one pair of AA batteries |
| Power Supply                  | DC 15V, 0.8A   |
| Dimensions (W x D x H)        | 210 × 200 × 44 mm (8.3" 7.9" x 1.7")   |
| Weight                        | 0.9 kg (2 lbs)   |

**PCT-3000SYS** includes the PCT-3000 receiver unit and two WM-X microphones.  
WM-X, WL-X and WH-X each available separately.

### Transmitters:



Handheld Microphone with LCD (WM-X)



Bodypack with LCD plus Lavalier Microphone (WL-X)



Bodypack with LCD plus Skin-Tone Headset Microphone (WH-X)

The above transmitters (sold separately) put control of frequency groups and channels directly in the user's hands. Frequency and battery information can be monitored directly on screen. Bodypack transmitters also feature a mute button for cutting audio to receiver when necessary.