



# CA.21BB

**CA.21BB WIRELESS MIC**

## UHF wireless bodypack system – 2x receivers in a 1u rack mount box with 2x bodypack transmitters



4x



8x Receivers in 1u



Auto Frequency Scan and Select



Infra Red Transmitter Sync



True Diversity Reception



200 Preset Frequencies

490-530MHz



530-580MHz

2 Bands -allows up to 26



8x XLR Balanced Outputs

4x



8x Bodypack Transmitters

### FEATURES:

The Creative Audio Technology CA.21BB is a dual receiver wireless system with 2 bodypack transmitters operating in the 470-608MHz band that is legal for wireless microphone use.

- four true diversity receivers in a 1u rack mount case
- built-in antenna distribution – 2 antennas total
- true diversity receivers ensure minimal drop outs
- available in two frequency bands – 490-510mhz & 580-605mhz
- up to 16 channels possible in appropriate locations
- scan for open frequencies – ~200 available channels per band
- infra-red transmitter sync
- mute function and lock functions on all transmitters
- two (2) true balanced XLR outputs + a 1/4" mix output

### WARRANTY – 24 MONTHS:

Reilly SR LLC – Creative Audio Technology – warrants this product against faulty materials or workmanship for 2 years from date of purchase. Coverage DOES NOT extend to physical damaged incurred after delivery, damage caused by failing to follow the guidelines in the instruction guide, damage caused by any attempt to repair the item by third parties or any product that has had its Serial Number erased, changed or removed. We will repair or replace items at our discretion.

### FLAT RATE SERVICE:

We will repair your CA.21R or CA.81B for a flat rate for any reason, failure out of warranty, broken, damaged. See [www.bodymics.com.flatrateService.html](http://www.bodymics.com.flatrateService.html) for details.

### SPECIFICATIONS:

#### System CA.21:

Carrier Frequency: ..... G41: 490-510MHz, J21: 580-605MHz  
 Frequency Stability: ..... 0.05%  
 Modulation Type: ..... FM  
 Frequency Response: ..... 40Hz – 18kHz  
 Signal to Noise Ratio: ..... > 105dB  
 Total Harmonic Distortion: ..... <=0.5%  
 Workable Range: ..... 500FT (160m) clear line of sight  
 Safe Operating Temperature: ..... -5 to +133 degree F (-20 to +60 degrees C)

#### Receiver CA.21R:

Tuning System: ..... PLL Loop, True Diversity Antennas (2 sets)  
 Sensitivity: .....  
 Signal to Noise Ratio: ..... >105dB  
 Mix Out Level: ..... Unbalanced .” Tip Sleeve – 0.5v @ 5k ohms  
 Balance XLR Output Level: ..... 0.5v @ 2k ohms  
 Power Requirement: 12-15v DC @ 2A (included power supply)  
 Dimensions: ..... 19” x 1.75” x 12” (plus connectors)  
 Weight: ..... 3lb 13oz (2.0kg)

#### Transmitter – CA.81B bodypack

Transmitter Power: ..... 5mW or 10mW selectable  
 Spurious Emission: ..... >45dB  
 Battery Requirement: ..... 2x AA Alkaline or NiMH cells  
 Current Consumption: ..... 100-130mA  
 Battery Life: ..... approx. 8 hours on premium alkalines  
 Dimensions (HxWxD): ..... 4.25” x 2.375” x 0.8” (plus antenna & belt clip)  
 Weight: ..... 3.1oz (88g) (plus batteries)