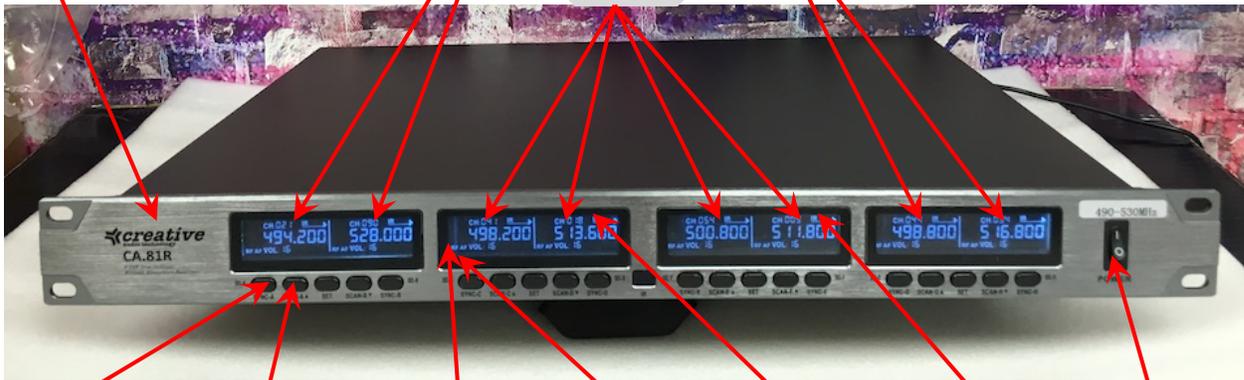


## OCTO (8) TRUE DIVERSITY WIRELESS SYSTEM

8 receivers in 1u  
rack mount case

8  
CHANNELS



Transmitter  
SYNC

Open Channel  
SCAN

RF Vertical  
Bar Meter

Audio Level  
Bar Meter

Battery  
Level Meter

Transmitter  
Mute Indicator

Power  
Switch

### SELECT TRANSMITTER

- .. BODYPACK
- .. HANDHELD



 **CA.81**  
audio technology

- .. EIGHT TRUE DIVERSITY RECEIVERS IN A 1u RACK MOUNT CASE
- .. BUILT-IN ANTENNA DISTRIBUTION – 4 ANTENNAS TOTAL
- .. TRUE DIVERSITY RECEIVERS ENSURE MINIMAL DROP OUTS
- .. AVAILABLE IN TWO FREQUENCY BANDS – 490-530MHZ & 530-580MHZ
- .. UP TO 64 CHANNELS POSSIBLE IN APPROPRIATE LOCATIONS
- .. SCAN FOR OPEN FREQUENCIES – ~400 AVAILABLE CHANNELS PER BAND
- .. INFRARED TRANSMITTER SYNC
- .. MUTE FUNCTION AND LOCK FUNCTIONS ON ALL TRANSMITTERS
- .. EIGHT (8) TRUE BALANCED XLR OUTPUTS + A 1/4" MIX OUTPUT
- .. WE CAN MIX AND MATCH TRANSMITTER OPTIONS – BODYPACKS OR HANDHELDS
- .. BODYPACKS COME WITH A 1/4" OMNI LAVALIER MICROPHONE IN CREAM

# SPECIFICATIONS

## System CA.81:

Carrier Frequency: G: 490-530MHz and H: 530-580MHz  
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.81R:

Tuning System: PLL Loop, True Diversity Antennas (2 sets)  
Sensitivity: -105dB  
Signal to Noise Ratio: >105dB  
Mix Out Level: Unbalanced ." Tip Sleeve – 0.5v @ 5k ohms  
Balance XLR Output Level: Balance Line on XLR – 0.5v @ 2k ohms  
Power Requirement: 12-15v DC @ 2A (included power supply)  
Dimensions: 19" x 1.75" x 12" (plus connectors)  
Weight: 8lb 13oz (4.0kg)

## Bodypack Transmitter CA.81BP:

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)

## WARRANTY – 2 YEAR LIMITED

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 this 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 covered items at our discretion.

Email us at [creative@av2020.com](mailto:creative@av2020.com) before returning an item