Access RC Remote Control Unit
Panel-Mounted Remote Control

Applications:
- Remote control of Nucomm’s Channel Master™ and Newscaster™ Transmitter and Receiver Systems for airborne, mobile or portable applications.

Features:
- Compact size
- Five quick preset recall
- Fifteen extended preset recall
- Multi-band support
- Fits standard instrument panel with “Zeus” type fasteners
- Standard RS-232 serial connection
- Simple rotary channel selection
- Active TFT color LCD for simplified or detailed status
- Color coded display for fast identification of parameters
- Multi unit control capable
- Common instrument panel intensity control input
- USB connection for software upgrades with a USB Flash Drive

The Nucomm Access RC is a fully functional remote control that will control both transmitters and receivers. It features one touch control of main parameters such as hi/lo power, TX/standby and test generator functions. In addition the Access RC features Nucomm’s popular one touch preset control of radio parameters for quick changes to the users standard configurations. The compact unit mounts into standard instrument panels making it simple to integrate.
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**RF Specifications:**

- **General:**
  - Supporting Products: Channel Master TX1, TX2, TX7, RX1, RX2, RX7, Newscaster VT2, VT7, CR6D and CR7
  - Others available check with factory.

- **Control/Indicator:**
  - Rotary Knob with push button Band/Channel/Offset
  - Menu navigation
  - Menu selection (Press both knobs)
  - TX/standby
  - High/low power
  - Modulation quick key
  - 5 Quick preset
  - Extended preset
  - On/off power
  - Target unit
  - Band select

- **LED:**
  - Summary alarm

- **TFT LCD:**
  - Channel and offset display
  - RF Frequency
  - Preset number and logical name
  - Modulation mode
  - Alarm Detail
  - RF Output Power
  - Setup Menu

- **Power Requirements:**
  - DC: +7 to +32, powered from remote power

- **Environmental:**
  - Temperature range:
    - Full specification: –10° to +50°C
    - Storage: –40° to +80°C
  - Humidity: 0 to 95% non-condensing
  - Altitude:
    - Operating: 20,000 ft (6,000 m)
    - Storage: 50,000 ft (15,000 m)

- **Mechanical:**
  - **Physical Characteristics:**
    - Size: 5.75” (15.2 cm) x 2.25” (6 cm)
    - Weight: 0.5 lbs
    - Mounting: “DZUS” fasteners, 6-32 captive screw (optional)

- **Interface Connections:**
  - RS232/RS485 9 Pin D Connector
  - Baud Rate: 2400-115k (9600 Default)
  - Maximum Cable Length: 50 ft (15 m) (RS232)
    - 4000 ft (1200 m) (RS485)
  - 2 USB 2.0 Type-A Connector
  - 10/100 Ethernet Port RJ45 Connector (Reserved for future use)
  - Other interfaces available, check with factory

- **Ordering Information:**
  - Part number with “DZUS” ARC-CM-TX-RX-CR-01
  - Part number with 6-32 ARC-CM-TX-RX-CR-02

Nucomm reserves the right to make changes to specifications of products described in this datasheet at any time without notice and without obligation to notify. Versions of this device may not have been approved by the Federal Communications Commission. These versions are not offered for sale or lease until approval of the FCC has been obtained.