

# 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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## Panel-mounted Remote Control

### 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)  
Push button: 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:

Input range: 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

