

REMOTE CONTROL AND MONITORING SYSTEM



NRC1



NRC2



SIMPLY THE BEST ENGINEERED TRANSMITTERS

REMOTE CONTROL AND MONITORING SYSTEM

Nautel Beacon Remote Controller and Computer Remote Control **Model NRC2** are specifically designed to be used with the Nautel's Radio Beacon family.

Nautel Beacon Remote Controller **Model NRC1** enables the operator to both control the Beacon Transmitter and receive reverted feedback on the status of the transmitter. A computer with a modem may be used in place of the NRC1

SPECIFICATIONS

COMMUNICATIONS

RS-232 (with optional Internal Modem) & RS-422 DTE at 300 baud
7 Data Bits, Space Parity
1 Stop bit, CTS/RTS Handshaking

CONTROL FUNCTIONS

XMTR ON/OFF
Press to Talk Enable/Disable
Main Transmitter:
Select A/B or Standby
Test Enable/Disable
Update

STATUS INDICATIONS

XMTR ON
Press to Talk Enabled
Shutdown, Standby, SWR and
Battery/Low AC Alarm

POWER SUPPLY NRC1

115 V, 60 Hz **OR**
230 V, 50 Hz

DIMENSIONS NRC1

Height 17.8 cm (7 inches)
Width 48.3 cm (19.0 inches)
Depth 29.2 (11.5 inches)

MICROCONTROLLER

INTEL 8751 or equivalent

COMMUNICATIONS

RS-232 (with optional Internal Modem) & RS-422 DTE at 300 baud Note: Other baud rates available upon request.

7 Data Bits, Space Parity
1 Stop Bit, CTS/RTS Handshaking

CONTROL POINTS (Outputs)

16 Optically isolated Outputs
Active (Low) Vce = 0.5 at 2 ma
(+30VDC max.)
Inactive (High) = Open Collector

STATUS POINTS (Inputs)

16 Optically isolated Inputs
Active (Low) = Ground
Inactive (High) = Open Circuit

POWER SUPPLY NRC2

DC supplied from beacon transmitter

DIMENSIONS NRC2

Height 8.9 cm (3.5 inches)
Width 48.3 cm (19.0 inches)
Depth 29.2 (11.5 inches)
Rack Mounted

ENVIRONMENTAL CONDITIONS

Temperature:
Operating: 0° C to +55° C
Storage: 55° C to +70° C
Relative Humidity: 0 – 95%

Specifications established at rated power unless otherwise noted. All measurements at 50 ohms resistive load, AC input voltage at nominal level. Specifications subject to change without notice.

