

Model 24-46

D.C. Remote

The 24-46 has been designed with the future in mind. As your Two Way Radio communications needs change and grow, the 24-46 will keep up. Features that are an additional cost on less capable remotes are STANDARD with IDA's 24-46. Standard features that are not utilized when the equipment is acquired can easily be put in service later. Simple programming done in the field will activate and/or configure Monitor, Intercom, Mute, Alert Tone, Number of Channels, and the Auxiliaries.

With multiple remotes installed in parallel, the audio levels remain consistent. Even in a noisy environment, you will be heard loud and clear.

Cost Options

Option 410 - Clock and VU Meter

- Large easy to read LED display gives TIME and TX level at a glance. (Field programmable as Military or Standard time.)

Option 411 - Four Wire

- Programmable for full duplex or separate pairs for TX and RX

Option 412 - Supervisory / Alternate Line

- Programmed as Supervisory this option allows one desktop remote to control access to the base station by other remotes. Programmed as Alternate Line allows the deskset to switch to a different base station radio with the push of a button.

Option 413 - Parallel TX Indicator

- Gives visual indication of TX by another remote even while muted

Option 414 - Additional Control Currents

- of +/- 15mA and +/- 20mA



Features & Capabilities

- Field Programmable by PC
- Control & Display up to four channels
- Monitor (*latched or momentary*)
- Intercom
- Mute (*latched or momentary*)
- Alert Tone
- Programmable Auxiliaries
- 30 dB of Compression and 3 Watts of speaker audio

Additional Programmable Features

- Currents can be programmed for whichever function is desired
 - ☛ Standard available currents: 0, +/- 2.5, +/- 6, +/- 11
- Disable of ON HOOK MONITOR
 - ☛ (handset only)
- Momentary F2
 - ☛ (always returns to F1)
- Momentary Intercom
- Parallel Override
 - ☛ (allows remote to send command currents even if parallel remote is off hook, Option 413 required)



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D.C. Remote Specifications



Input voltage 117/230 VAC +/- 20% 50/60 Hz	TX Compression With an audio increase of 30 dB beyond the start of compression the output increases 15 to 16 dB
Standby voltage	
Standby current	
Input power (max) 17W (TX), 24W (RX), 4W (STBY)	Line control2 or 4 wire audio
Temperature range0° to +60° C	Notch filter depthN/A
Relative humidity90% at 50° C	Weight 4 lbs 15 oz
Line impedance (1KHz)600 ohms (TX)600 or 5k ohms (RX)	Dimensions 4.75" (h) x 8" (d) x 10" (w)
Line audio output (600 ohm load)-20 to +10 dBm	
TX hum & noise -55 dB (ref +11 dBm)	
Threshold of compression-20 dBm adjustable (line to speaker audio)	
Speaker audio output (RMS) 3W into 4 ohms	
Distortion (at rated speaker output) < 3%	
RX hum & noise-55 dB (ref 0 dBm)	
Frequency response +1, -3 dB (300 to 3000 Hz)	
RX Compression With an audio increase of 30 dB beyond the start of compression the output increases less than 3 dB	



Model 20-18 DC ADAPTER PANEL

Reliable and flexible describes the 20-18 panel. Jumper selectable 2 wire/4 wire, switchable current schemes and local mic jack make for easy installation. Available in its own rugged cabinet, the 20-18 can be ordered with plug and play cabling for many popular radios.



- Other IDA board only adapters:
- 20-15 - Single function
 - 20-16 - Dual function
 - 20-17 - Four function

Other Options

- RBC-001**
 - Wall Mounting Bracket
- RBC-002**
 - External Encode/Decode Cable
- RBC-003**
 - Programming Cable and Software