IDA

The Way for 2-Way

Model 24-67
Best-in-Class Tone Remote Controller
Comprehensive Feature Set at Right Price

Driven by IDA's fierce commitment to reliable & quality engineering at affordable price, Model 24-67 provides industry leading tone remote control features and functionality. Model 24-67 integrates many of the optional features of Model 24-66 in its standard package thereby delivering industry best price performance value for your mission-critical control applications. Standard features that are not needed now can be activated with simple programming done in the field. Monitor, Intercom, Mute, Alert Tone, Number of Channels and the Auxiliaries are all programmable.

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 610 - 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 712 - 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 Lline allows the deskset to switch to a different base station radio with the push of a button. When in 2-wire mode, RX audio from both lines is summed and heard on the deskset's speaker. Audio from the "Unselected" line is at a lower volume than audio from the "Selected" line. The relative volume of the unselected audio is dealer adjustable.

Option 614 - 12 VDC Power Cable

- Prewired power cable makes installing battery backup quick and easy.

RBC-620 - Alpha-Numeric Display

- Displays channel selections with the name/number of the operator's preference. Programmable up to 32 characters, the option includes clock and VU meter.

RBC-622- DTMF Encode

- 12 button DTMF encoder with keypad mounted on deskset.

Features & Capabilities

- Field Programmable by PC
- Control & Display up to 99 channels
- Monitor *(latched or momentary)*
- Intercom
- Mute *(latched or momentary)*
- Parallel TX Indicator
- Notch Filter
- One Touch TX
- Four Wire
- Alert Tone
- Programmable Auxiliaries
- 30 dB of Compression and 3 Watts of speaker audio

EFJohnson TECHNOLOGIES   HARRIS   ICOM   KENWOOD   MIDLAND   MOTOROLA   RELM WIRELESS   tait communications   Vertex Standard

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Additional Programmable Features

- Tones can be programmed for whichever function is desired

☛ Available tones: 2050 Hz, 1950 Hz, 1850 Hz, 1750 Hz, 1650 Hz, 1550 Hz, 1450 Hz, 1350 Hz, 1250 Hz, 1150 Hz, 1050 Hz, 950 Hz, 850 Hz, 750 Hz, 650 Hz, 550 Hz

- Disable of ON HOOK MONITOR

☛ (handset only)

- Momentary F2

☛ (always returns to F1)

- Momentary Intercom

- Parallel TX Indicator

☛ "Mute on Parallel TX" allows two or more desksets to be located in the same rom without causing feedback.Tones can be programmed for whichever function is desired

☛ "Parallel Override" allows command tones to be sent even with another remote is off hook

☛ "Parallel Update" changes the display of all the desksets when selecting a new channel

- Remote Update

- (updated display of 24-67 when base station radio changes channels due to SCAN or in trunking applicaitons, available for several popular radios. Model 20-28 Tone or Model 20-27 Tone Termination Panel required.)

Model 24-67 with DTMF functionality

Other Options

RBC-001

- Wall Mounting Bracket

RBC-702

- External Encode/Decode Cable

RBC-003

- Programming Cable and Software

Model 24-67
Specifications

Input voltage............................... 117/230 VAC +/- 20%
50/60 Hz

Standby voltage ....12-15 VDC

Standby current .... 287 mA (TX)
620 mA (RX) (STBY)

Input power (max) .... 8.5W (TX)
20W (RX)
8.5W (STBY)

Temperature range ....0 to +70° C

Relative humidity ....90% at 50° C

Line impedance (1KHz)............................600 ohms (TX)
600 or 5k ohms (RX)

Line audio output (600 ohm load) ....-20 to +10 dBm

TX hum & noise (ref +11 dBm).............................-55 dB

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 ....-49 dB

Frequency response ...+1, -3 dB except at notch frequency
(300 to 3000 Hz)

RX Compression............ With an audio increase of 30dB
beyond the start of compression the
output increases less than 3 dB

TX Compression .... With an audio increase of 30dB
beyond the start of compression the
output increases 15 to 16 dB

Line control..2 or 4 wire

Notch filter depth ....-45 dB (RX)
-25 dB (TX)

Weight .... 4 lbs 15 oz

Dimensions................................ 4.75" (h) x 8" (d) x 10" (w)

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