

## Model 24-688 Mini-Console Tone Remote Controller

The MINI CONSOLE allows tone remote control of up to 8 separate radio base stations from a single location. Designed to be flexible, durable and cost effective, the Model 24-688 has many "Big Console" features without the big cost.

The top assembly (available separately as ITEM #23, IDA Model 24-66) is a field programmable tone remote deskset with all the features you would expect from the world leader in remote controllers.

The bottom assembly (available separately as IDA Model 20-88) can be used with any standard tone or DC remote. A separate speaker and volume control is provided for "unselected" audio. Indicator lights inform the operator which of the eight lines is selected as well as which of the unselected lines has audio present. Each of the unselected lines can be muted temporarily via the faceplate buttons. TOTAL MUTE of all unselected lines is accomplished via the volume control. NO MUTE is jumper selectable at installation.



### Top Assembly Features

#### STANDARD FEATURES:

- Up to 8 frequency
- Monitor
- Intercom
- 30dB compression
- Mute
- Alert Tone
- 3 W speaker audio output
- Programmable auxiliaries
- Desk mic or handset

#### PROGRAMMABLE FEATURES:

- Full duplex\*
- Military time\*
- Latched Monitor
- Latched Auxiliary
- Momentary mute
- Disable of on-hook monitor\*
- Speaker mute during parallel operations\*
- Momentary F2 (always returns to F1)
- Momentary intercom
- Panel update (24-66)
- Parallel override\*
- Parallel remote update\*



IDA Desk Mic

In addition, the tone can be programmed for whichever function is desired.

\* REQUIRES APPLICABLE COST OPTION

### Available Options

- Internal lightning protection
- Wall mounting bracket



## Bottom Assembly Features

- Makes any Tone or DC remote into an eight line remote
- Separate speaker for unselected audio
- Separate volume control for unselected audio
- Timed mute or no mute via jumper
- Indicator light for selected line
- Audio present light for each unselected line
- Sturdy metal case
- Optional 4 wire
- Optional internal lightning protection
- Optional wall mount bracket

# Model 24-668

## Top Assembly Specifications



<b>Input voltage</b> .....	117/230 VAC +/- 20% 50/60 Hz	<b>Speaker audio output (RMS)</b> .....	3W into 4 ohms
<b>Standby voltage</b> .....	12-15 VDC	<b>Distortion (at rated speaker output)</b> .....	< 3%
<b>Standby current</b> .....	287 mA (TX) 620 mA (RX) (STBY)	<b>RX hum &amp; noise</b> .....	-55 dB
<b>Input power (max)</b> .....	8.5W (TX) 20W (RX) 8.5W (STBY)	<b>Frequency response</b> ...	+1, -3 dB except at notch frequency (300 to 3000 Hz)
<b>Temperature range</b> .....	-30 to +60° C	<b>RX compression</b> .....	With an audio increase of 30 dB beyond the start of compression the output increases less than 3 dB
<b>Relative humidity</b> .....	90% at 50° C	<b>TX compression</b> .....	With an audio increase of 30 dB beyond the start of compression the output increases 15 to 16 dB
<b>Line impedance (1KHz)</b> .....	600 ohms (TX) 600 or 5k ohms (RX)	<b>Line control</b> .....	2 or 4 wire
<b>Line audio output (600 ohm load)</b> .....	-20 to +10 dBm	<b>Notch filter depth</b> .....	-45 dB (RX), -25 dB (TX)
<b>TX hum &amp; noise (ref +11 dBm)</b> .....	-55 dB	<b>Weight</b> .....	4 lb. 15 oz.
<b>Threshold of compression</b> .....	-20 dBm adjustable (line to speaker audio)	<b>Dimensions</b> .....	4.75" (h) x 8" (d) x 10" (w)

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## Bottom Assembly Specifications

<b>Supply voltage</b> .....	117/230 VAC 50/60 Hz	<b>Distortion (at rated speaker output)</b> .....	< 5%
<b>Standby current</b> .....	250 mA (MAX)	<b>Frequency response</b> .....	300 Hz to 3 KHz
<b>Temperature range</b> .....	0 to +70° C	<b>Notch filter (2175 Hz)</b> .....	> 45 dB down from 1 KHz
<b>Line Impedance</b> .....	600 ohms @ 1 KHz	<b>Line type</b> .....	2 or 4 wire
<b>Threshold of compression</b> .....	-20 dBm	<b>Weight</b> .....	4 lb. 8 oz.
<b>Line level</b> .....	-20 dBm to +10 dBm	<b>Dimensions</b> .....	2.4" (h) x 9.4" (d) x 10" (w)
<b>Audio output power</b> .....	3.5 W into 4 ohms		