



The Model 20-88 allows a single desktop remote controller to control up to 8 separate base station radios

Designed to be used with any standard Tone or DC remote, the 20-88 has it's own speaker and volume control for "unselected" audio. Indicator lights inform the operator which line is selected as well as which of the unselected lines has audio present. TOTAL MUTE of all unselected lines is accomplished via the volume control. TIMED MUTE or NO MUTE is jumper selectable by the installer.

Features

- ✓ Makes any Tone or DC remote into an eight line remote
- ✓ Separate speaker volume control for unselected audio
- ✓ Timed MUTE or NO MUTE is jumper selectable
- ✓ 2 or 4 wire is jumper selectable by line
- ✓ Audio present light for each unselected line
- ✓ Indicator light for selected line
- ✓ Sturdy metal case

Available Options

- ✓ Internal lightning protection
- ✓ Wall mounting bracket

The Model 20-88,
shown here with an IDA remote,
creates a space saving MINI CONSOLE

Benefits

- ✓ Upgrading is easy and cost effective
- ✓ Each operator can adjust the volume to his or her preference
- ✓ Quickly and easily customize each workstation to the installation configuration needed
- ✓ Visually informs the operator of radio traffic and where the traffic is located
- ✓ One glance lets the operator know exactly where they are set up to transmit
- ✓ Attractive and durable



Some of our more recognizable customers:

United States Forest Service
Midland
National Park Service
NASA and Lockheed
RELM and BK Radio

United States Navy
Kyodo West
Federal Express
USAIR
North Carolina Forest Service

South Carolina Electric & Gas
NorthEast Utilities Company
Raycom SA (Uruguay)
AIOC (Azerbaijan)
International Aeradio (UAE)
Saudi Ericsson

TECHNICAL SPECIFICATIONS

	DC REMOTES	TONE REMOTES	
	24-46	24-66	20-88
Input Voltage	117/230 VAC + -20% 50/60Hz	117/230 VAC + -20% 50/60Hz	117/230 VAC 50/60Hz
Standby Voltage	-----	12-15VDC	
Standby current	-----	287mA (TX) 620mA (RX) (STBY)	250mA (MAX)
Input power (max)	17W (TX) 24W (RX) 4W (STBY)	8.5W (TX) 20W (RX) 8.5W (STBY)	
Temperature range	0° deg to +60 deg C	0° deg to +60 deg C	0° C to +70° C
Relative humidity	90% at 50 deg C	90% at 50 deg C	
Line impedance (1KHz)	600 ohms (TX) 600 or 5k ohms (RX)	600 ohms (TX) 600 or 5k ohms (RX)	600 ohms @ 1 KHz
Line audio output (600 ohm load)	-20 to +10dbm	-20 to +10dbm	-20dbm to +10dbm
TX hum & noise (ref +11dbm)	-55db	-55db	
Threshold of compression (line to speaker audio)	-20dbm adjustable	-20dbm adjustable	-20dbm
Speaker audio output RMS	3W into 4 ohms	3W into 4 ohms	3.5W into 4 ohms
Distortion (at rated speaker output)	Less than 3%	Less than 3%	Less than 5%
RX hum & noise	-55db	-49db	-55db
Frequency response (300 to 3,000Hz)	+1, -3db	+1, -3db except at notch frequency	300Hz to 3KHz
RX compression	With an audio increase of 30db beyond the start of compression the output increases less than 3db	With an audio increase of 30db beyond the start of compression the output increases less than 3db	
TX compression	With an audio increase of 30db beyond the start of compression the output increases 15 to 16db	With an audio increase of 30db beyond the start of compression the output increases 15 to 16db	
Line control	2 or 4 wire audio	2 or 4 wire audio	2 or 4 wire
Notch filter depth	N/A	-45db (RX) -25db (TX)	40db (RX)
Weight	4lbs 15oz	4lbs 15oz	4lbs 8oz
Dimensions	4.75" (H) x 10" (W) x 8" (D)	4.75" (H) x 10" (W) x 8" (D)	2.4" (H) x 10" (W) x 9.4" (D)

IDA
CORPORATION

1345 Main Ave, Fargo, ND 58103

800-627-4432 / FAX 218-233-1886 / 701-280-1122

sales@idaco.com