

## Model 24-30 Tone Remote Deskset

Model 24-30 is a flagship product of IDA's conventional 2-way radio DC / Tone remotes. Its dependability is unsurpassed in the industry. The product comes with rich functionality to address most diverse requirements of controlling multi-site and multi-departmental radios. The product forms an integral part of IDA's cost-conscious solution strategy to create an ecosystem around the 2-way radio world.

IDA's family of products has been proven to work with all the radio manufacturers' products and guarantees the highest level of customer satisfaction.

With over 30 years of smart product engineering expertise, our 24-30 Tone Remote Control system, combined with its diverse accessories, offers multiple cost-conscious configuration options to meet your most demanding and custom needs.

Additionally, all the conventional products of IDA, including Model 24-30, allow our clients to seamlessly transition to the digital revolution using IDA's family of VoIP / RoIP products and services.



### Features & Capabilities

- Tone signaling
- Up to 4 channel capability
- 2 wire or 4 wire operation
- Full duplex operation
- Convenience of Handset or desk microphone
- Desk or wall mount
- Operation from 12 Vdc source
- Intercom
- Monitor
- Line audio indicator
- Seamless upgrade products available to manage multiple radios, multiple sites from all the radio manufacturers
- Seamless migration path available to digital radio transition



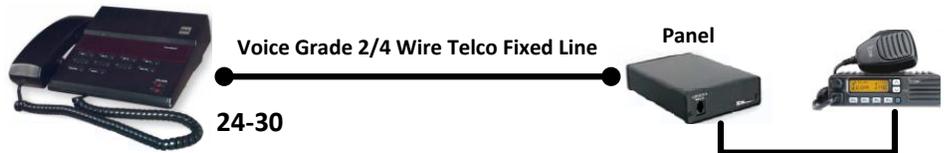
# Model 24-30

## Specifications

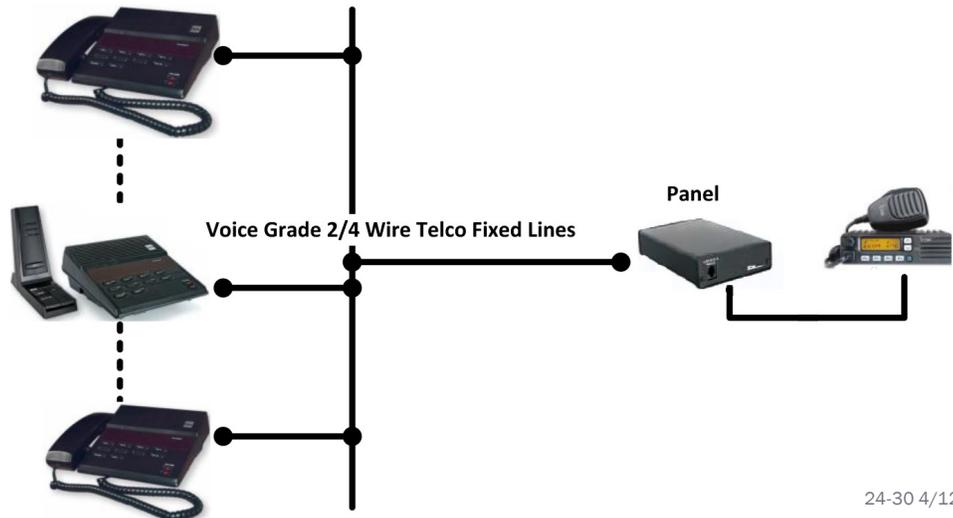


<b>Input voltage</b> .....	15Vdc @ 600mA 15 Watt Wall Transformer 2.1 5.5mm barrel conn. Center (-)	<b>RX hum &amp; noise</b> .....	-47 dB (ref 0dBm)
<b>Current consumption @ 15Vdc</b> .....	205 mA (TX) 500 mA (RX) Vol. max 175 mA (Standby)	<b>Frequency response</b> .....	+1, -3 dB (300 to 3000 Hz) except at notch frequency
<b>Standby voltage</b> .....	12 - 15 Vdc **	<b>RX Compression</b> .....	With an audio increase of 30dB beyond the start of compression the output increases less than 7.5dB
<b>Temperature range</b> .....	0 to +60° C	<b>TX Compression</b> .....	With an audio increase of 30dB beyond the start of compression the output increases 17.5dB
<b>Relative humidity</b> .....	90% at 50° C	<b>Line control</b> .....	2 or 4 wire audio
<b>Line impedance</b> .....	600 ohms (4-wire RX) 600 or > 5k ohms (4-wire TX or 2-wire)	<b>Notch filter depth</b> .....	> 42dB (RX) > 44dB (TX)
<b>Line audio output</b> .....	-20 dBm to +10 dBm into a 600 ohm load	<b>Weight</b> .....	4 lb.
<b>TX hum &amp; noise</b> .....	-60 dB (ref. +0 dBm)	<b>Dimensions</b> .....	3.5" (h) x 8" (d) x 10.5" (w) (handset version) 3.5" (h) x 8" (d) x 7.5" (w) (desk mic version)
<b>Threshold of compression</b> .....	-20 dBm adjustable (line to speaker audio)		
<b>Speaker audio output</b> .....	3W into 4 ohms		
<b>Distortion (at rated speaker output)</b> .....	< 3%		

### Basic Setup



### Extended Setup



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