

## MTR2000 VS. MTR3000 DETAILED ANALOG COMPARISON

DETAILED BASE RADIO FEATURES	MTR2000	MTR3000
<b>REMOTE CONTROL VIA EXTERNAL ADAPTER</b>		
Rx Activation selection (Select 5, Single Tone)	Yes	No
<b>ANALOG VOICE RECEIVE AND TRANSMIT (E&amp;M VIA GPIO)</b>		
TX pre-emphasis	Yes	Yes
RX de-emphasis	Yes	Yes
RX PL filter	Yes	Yes
RX Activation selection (PL, CSQ, PL & CSQ)	Yes	Yes
RX Activation selection (Select 5/Single Tone)	Yes	No
<b>IN-CABINET REPEAT</b>		
Activation selection (PL, CSQ, PL & CSQ)	Yes	Yes
Activation selection (Select 5/Single Tone)	Yes	No
Hold in selection (PL, CSQ, PL & CSQ)	Yes	No
Hold off Delay	Yes	No
Audio Boost	Yes	Yes
Deactivation Selection (Select 5/Single Tone)	Yes	No
Noise Cancellation	Yes	Yes
Companding	Yes	Yes
TX Priority (Programmable)	Yes	Yes
<b>BASE OPERATION</b>		
Fall back in-cabinet repeat	Yes	No
Different RX & TX freq	Yes	Yes
Antenna Relay	Yes	Yes
<b>PTT TYPES</b>		
Repeat path Rx Audio	Yes	Yes
One Ext PTT (Console, Phone Patch, etc. )	Yes	Yes
Dedicated MIC PTT	Yes	Yes
Dedicated External Audio Connections (Local/Phone/Trunked Data)	Yes	Yes
<b>MULTIPLE CHANNELS</b>		
Multiple Channels - up to 16	Yes	Yes
Multiple Access Code Tables - up to 16	Yes	Yes
<b>CHANNEL SET UP PARAMETERS</b>		
Repeater timeout timer	Yes	Yes
Repeater drop out delay (Hang Time)	Yes	Yes
Selectable Output power normal/battery backup	Yes	No
Local timeout timer	Yes	Yes
Phone patch timeout timer	Yes	No
<b>PL TYPES</b>		
Motorola non-standard PL set	Yes	Yes
Motorola standard PL set	Yes	Yes
Selection of CSQ, PL, DPL	Yes	Yes
Standard PL /DPL set	Yes	Yes
<b>BASE STATION IDENTIFICATION</b>		
FCC Morse code ID (polite)	Yes	Yes
FCC Morse code ID (not polite)	No	Yes
Programmable timer	Yes	Yes

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REMOTE CONTROL VIA EXTERNAL ADAPTER		
Binary Remote Control	N/A	No
Tone Remote Control (TRC)	N/A	Yes
COMANDOS DE CONSOLE POR MEIO DE CONTROLE REMOTO TRC/DC INTEGRADO		
Receiver Mute	N/A	Yes
EXTERNAL INPUTS		
External Frequency Reference Capability	Yes	Yes
External PTT	Yes	Yes
Monitor	Yes	Yes
Repeater set up and knockdown	Yes	Yes
Unbalanced RX and TX audio	Yes	Yes
Microphone	Yes	Yes
TX inhibit (called disabled in MOTOTRBO)	Yes	Yes
RX Inhibit	Yes	No
Wildcard	Yes	Yes
2-wire Telco compatible	Yes	Yes
4-wire Telco compatible	Yes	Yes
EXTERNAL OUTPUTS		
Digital Output CSQ	Yes	Yes
Speaker connection	Yes	Yes
2-wire Telco compatible	Yes	Yes
4-wire Telco compatible	Yes	Yes
SERVICE FEATURES		
	RSS	CPS, TUNER AND RDAC
Station Log Critical failure (Alarms and Events)	Yes	Yes
HW and SW version screens	Yes	Yes
Station Status	Yes	Yes
RSSI (Receive signal strength indication)	Yes	Yes
Hardware Metering screens	Yes	No
MISCELLANEOUS		
Deviation Control	Yes	Yes
Full Duplex	Yes	Yes
Half Duplex	Yes	Yes
Cross Banding	Yes	No
Alarm Tones	Yes	No
OPTIONS		
X371 - Antenna Relay	Yes	Yes
Phone Patch (used to be MTRI)	Yes	Yes
Selectable Fallback in cabinet repeat - Voting	Yes	No
X269 - Voting Option (included in X777)	Yes	No
X157 - Enhanced Wild Card	Yes	No
WILDCARD OPTIONS		
Wildcard	Yes	No
Main stand-by	Yes	Yes
RECEIVE ONLY CONFIGURATION		
Receiver	Yes	No



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