

## Comparing the functionality of the MT2000 and the Dolby® DM100

March, 2015

Category	Feature	DM100	MT2000	Comments
I/O				
Audio	SDI I/O	---	√	
	AES I/O	√	√	
	TOSLINK I/O	√	√	
	HDMI In	---	√	
	MADI I/O	---	√	
	DVB-ASI In/Thru	---	√	
	Headphone Output	√	√	
	Internal Speaker	√	√	
Data	RS-232	√	---	
	USB	---	√	
	Ethernet	---	√	
POWER				
	External Power Supply	Country Specific	Universal Worldwide	
	Battery Power	Multiple AA	Internal Rechargeable	
AUDIO				
Formats	PCM (2-ch)	√	√	
	PCM (multichannel)	---	√	In development
	Dolby E	√	√	
	Dolby Digital	√	√	
	Dolby Digital Plus	---	√	
MEASUREMENTS				
Loudness	Loudness Measurements	---	√	
	Loudness Logging	---	Planned	
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AES-3	AES stream measurements	√	√	
	Sample Rate	√	√	
	Bit Depth	√	√	
	Audio / Non-audio Flag	√	√	
	Professional / Consumer	√	√	
SMPTE 337M	Pa type	√	√	
	Pa spacing	√	√	
	Pc value	√	√	
	Pd value	√	√	
Dolby E	Displays Dolby E Information	√	√	
	Line Position	√	√	
	Program Selectable	√	√	
Dolby Digital/ Plus metadata	Displays Dolby Digital Metadata	√	√	
	Displays Dolby Digital Plus Specific Metadata	---	√	
Latency	Audio Latency Test	√	√	
Video	Identifies Input Video Format and Frame Rate	---	√	
Metering	Audio Level Meter	1-channel at a time	8-channels simultaneously	
<b>TEST GENERATOR</b>				
Audio	PCM Signals	√	√	
	Independently Adjustable Frequency Per Channel	---	√	
	Independently Adjustable Level Per Channel	---	√	
	User Configurable Frequency Sweeps	√	√	
	Pink/White Noise	√	√	
	Dolby E Streams	√	√	

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Category	Feature	DM100	MT2000	Comments
	Dolby E Line Position Adjustment	√	√	
	Dolby Digital Streams	√	√	
	Dolby Digital Plus Streams	---	√	
	Able To Generate PCM And Play Back Dolby Streams Simultaneously	---	√	
Video	Generates Video	---	√	
	Generates A/V Sync Test	---	√	
<b>OTHER</b>				
	User Presets	4	16	
	Monitoring And Alerts Of User Selectable Conditions	---	√	
	Output Downmix Of Multichannel Dolby Stream	---	√	
	De-Embed, Re-Embed, And Shuffle Audio Pairs	---	√	
	SNMP	---	Planned	
	Really Cool LED Backlit Logo	No way	√	
	Supported Product	Obsolete	√	
	Availability	eBay	Your favorite Linear Acoustic Dealer	

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