

CREDIX

▶ SELECTED APPLICATIONS

TDMB Receiver Designers

Receiver Manufacturers

Chip/Chipset Makers

Module Makers

Contents Providers

▶ DESCRIPTIONS

M **PD-1508 (mobile TV TDMB)** is compact sized and low price RF signal generator

for TDMB standard. It is very useful for QC/QA test of digital Audio, Video and even Data service. So, you don't have to tighten your belt for Signal Generator any more.

MPD-1508 fully covers various frequency range such as Band III (174MHz ~ 1250MHz) and Band L (1,452MHz ~ 1,492MHz). Output level can be controlled from 0dBm to -120dBm with 0.1dB step. Plus, this system can store and recall presets up to 100 for manufacturing factories and A/S centers of DAB & DMB receivers.

As with all above functions, **MPD-1508** is highly optimized system for manufacturers. Small but Powerful!

▶ TDMB Signal Generator

MPD-1508®

Small but Powerful!!



▶ KEY WORDS

Stable RF Flatness

Convenient GUI

One Stop & Soft Key Touch

Competitive System Price

▶ FEATURES

All-in-One System (OFDM Modulator + RF Up converter)
Easy Graphic User Interface & Operation
DAB/DMB _ Transmission Mode (I, II, III, IV)
Digital Patterns _ 40 patterns *4Mode
IEEE 802.3u 100Base-TX, IEEE 802.3 10Base-T
Support Band III & L
High Resolution Output Frequency _ 1KHz
Output Range _ -120dBm ~ 0dBm
Store and Recall Function _ Max. 100
Flexible Remote Control _ RS232, GPIB
LCD Display

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通核科技有限公司
Broadcasting System turn-Key solution

TDMB Signal Generator

MPD-1508[®]

Small but Powerful!!

▶ **SYSTEM FULL IMAGE**



RF PARAMETERS	
Band III	174 ~ 250MHz
L Band	1,452 ~ 1,492MHz
Resolution	1Hz
Accuracy	$\pm 5 \times 10^{-8}$
OUTPUT LEVEL	
Range	-120 ~ 0dBm
Resolution	0.1dB
Accuracy	Band II, III (± 1.5 dB), L (± 2.0 dB)
VSWR	Max. 1.8
Harmonics	< -30dBc
Non-harmonics	< -50dBc
Response	± 1 dB or Less
OPTIONS	
Option 1	Additional channel
Option 2	GPIB Remote Control
Option 3	Auto Test

I/Q OUTPUT	
Voltage	1Vpp \pm 100mV
Impedance	50 Ω
Connector	BNC-R
DAB/DMB(T)	Transmission Mode I, II, III, IV
Output Type	Continuous, Single, Burst
H/W & S/W SPECIFICATIONS	
HDD	160G
Input/Output Port	4 USB2.0
Remote Control	RS232C, TCP/IP, GPIB (option)
Display	B/W LCD
Electric Power	110 ~ 220 VAC, 60Hz
Dimensions/Weight	430(W) X 115(H) X 410(D)mm/About 5Kg
Accessories	Manual, N2SMA, CableS, Antenna

This system is available up to 5 channels according to the frame.



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