



## DMB-TH HD Receiver **HD-838**

### High Definition Digital TV Receiver

HD-838 DMB-TH HD receiver is fully complied with China National DMB-T broadcast standard. S/P DIF digital audio output, 1920 \* 1080 graphics display, HDMI output, bring you the theatre grade AV entertainment. It comes with highly advanced USB functions. You can plug in with USB harddisk (HDD), USB flash drive. Enjoy the jpeg photos, MP3, movies, software upgrade, PVR.

#### Features

- \* Fully compliant TsingHua DMB-T solution
- \* MPEG2 / MPEG4 H.264 HD or SD decoding
- \* Dolby AC-3 two way audio output (licenced)
- \* Dolby 5.1 or PCM digital audio output (bitstream)
- \* HDMI, S-Video, Component, Composite Output
- \* Output display support 1080i / 720p / 576p
- \* HDMI output support 1080i / 720p / 576p
- \* 7 days Electronics Program Guide (EPG) with advance program booking function
- \* 32 bit 16:9 true color OSD
- \* Auto file detection in USB HDD
- \* USB2.0 (Support USB HDD recording(PVR))
- \* MHEG5 (Software upgrade required once available)
- \* Smart Remote control with 4 learning buttons for controlling your TV,Hi-Fi..etc
- \* Parental Lock

#### Technical Parameters

##### Tuner (made by Philips)

RF input:	48-862 MHz
Loop through output:	48-862 MHz
Level:	-25 to +20 dBmV

##### Signal Decoding

Standard:	DMB-T TsingHua (GB20600-2006)
Modulation:	OFDM (TDS-OFDM)
Bandwidth:	6M / 7M / 8M

##### Video Decoding

Standard:	MP@HL/ML H.264 HD / SD
Display ratio	Maximum 1920 x 1080

##### Audio Decoding

Standard:	ISO / IEC 13818-3 TR101154
Audio format:	support MPEG1 and AC3
Audio output:	L / R / Stereo / Mix
Sampling frequency:	32, 44.1, 48 MHz

##### Memory:

Program flash memory:	8MB
System memory:	64MB
Decoding memory:	64MB

##### HD output

Output format:	1080i / 720p / 576p
Output connector:	HDMI / YPbPr



##### Front Panel

Display:	4 digits LED
IR remote control sensor	38KHz
Power button:	On / Off

##### Back Panel

RF input:	IEC female connector (5V to power antenna)
Loop Through output:	IEC male connector
RCA output:	6 RCA (1 left, 1 right, 1 video, 3 RCA, YPbPr)
Digital audio output:	S/P DIF optical connector
RS-232 serial port:	DB-9 male
HDMI output	HDMI connector
S-Video output	S-Video connector
USB	Host 2.0
Ethernet port:	RJ-45

##### Remote Control

Type:	IR (frequency: 38MHz), full function Smart infrared remote with 4 learning buttons
Battery:	2 x 1.5V

##### Power Supply

Input voltage:	AC 100 to 240V, 50 / 60Hz
Power consumption:	20W max

##### Others

Working temperature:	0 - 40 deg C
Size:	357mm (W) x 225mm (D) x 62mm (H)
Weight:	2.5Kg
Declaration of conformity:	CE compliant for HK EMSD safety requirement
TVB Interactive Label:	Under preparation

## Eight Limited

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## DMB-TH HD 解碼器 HD-838

### 高清數碼電視解碼器

HD-838 DMB-TH數碼高清電視接收器>全面相容中國標準(國標)DMB-T制式，  
SP/DIF數碼聲音輸出，展現1920 x 1080 高質畫面以及支援HDMI輸出，帶給你影院級的震撼影音享受。  
HD-838 DMB-TH還配以先進USB功能，只要簡單連接USB硬碟(HDD)或USB記憶手指，  
即可用電視觀賞JPEG相片，MP3歌曲，甚至軟件提升，PVR等

#### 功能

- \* 全符合清華 DMB-T方案
- \* MPEG2 / MPEG4 H.264 HD 或 SD解碼
- \* Dobby AC-3 雙向聲音輸出
- \* Dolby 5.1 or PCM數碼音效輸出 (bitstream)
- \* HDMI, S-端子, 色差, Composite 輸出
- \* 支援1080i / 720p / 576p 輸出畫面
- \* HDMI 支援1080i / 720p / 576p 輸出畫面
- \* 7日電子節目表 (EPG)
- \* 32 bit 16:9真彩 OSD
- \* USB HDD自動檔案偵測
- \* USB2.0 (支援外置硬碟錄影PVR)
- \* MHEG5-支援即將推出的互動電視服務 (需軟件升級)
- \* 智能遙控，帶有4個學習按鈕 (可控制你的電視, TV, Hi-Fi等)
- \* 家長鎖臺

#### 技術規格

##### 調解器 (Philips)

天線輸入:	48-862 MHz
天線環路輸出:	48-862 MHz
電平:	-25 to +20 dBmV

##### 訊號解碼

標準	DMB-T 清華 (GB20600-2006)
調頻:	OFDM (TDS-OFDM)
帶寬:	6M / 7M / 8M

##### 視頻解碼

標準:	MP@HL/ML H.264 HD / SD
顯示比率	Maximum 1920 x 1080

##### 音頻解碼

標準:	ISO / IEC 13818-3 TR101154
音頻格式:	MPEG1 and AC3
音頻輸出:	左 / 右 / 立體聲 / 混音
抽樣頻率:	32, 44.1, 48 MHz

##### 記憶體:

Program flash memory:	8MB
系統記憶體:	64MB
解碼記憶體:	64MB

##### HD 輸出

輸出格式 format:	1080i / 720p / 576p
輸出頭	HDMI / YPbPr



##### 前面板

顯示:	4 位LED
IR 遙控感應	38KHz
電源鍵:	開/關

##### 背面板

天線輸入:	IEC female connector (5V to power antenna)
天線環路輸出:	IEC male connector
RCA 輸出:	6 RCA (Left, Right, 1 video, 3 RCA, YPbPr)
數碼音頻輸出:	S/P DIF optical connector
RS-232 serial port:	DB-9 male
HDMI 輸出	HDMI connector
S-Video 輸出	S-Video connector
USB	Host 2.0
Ethernet port:	RJ-45 (For Interactive service)

##### 遙控

Type:	IR (frequency: 38MHz), 全功能
	智能遙控，帶有4個學習按鈕
電池:	2 x 1.5V

##### 電源

電壓輸入:	AC 100 至 240V, 50 / 60Hz
電能消耗:	最高15W

##### 其它

工作溫度:	0 - 40 deg C
尺寸:	357mm (W) x 225mm (D) x 62mm (H)
重量:	2.5Kg
Declaration of conformity:	CE compliant for HK EMSD safety requirement
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