

FEATURES

- High level of integration, high-performance, Full-featured, integrated design
- Single input modulator that converts HD source to a DVB-T channel
- Standard COFDM modulation and H.264 encoding
- Multiple video format compatibility including 720p / 1080p
- Bandwidth: 6/7/8MHz
- Frequency range: 50~860MHz
- Continuously adjustable RF signal output level range 70dBuV from 100dBuV, step 1dBuV
- 16*2 LCD lattice screen
- Small size and light weight
- Carriers 2K and 8K
- User friendly setup and control
- Compact and wall mountable

PRODUCT OVERVIEW & ILLUSTRATION



No	Description	Function
1	LCD Screen	Video display
2	▲	Change number or cursor up
3	▼	Change number or cursor down
4	◀	Switch settings in menu or cursor left
5	▶	Switch settings in menu or cursor right
6	MENU	Enter main menu or return to superior menu
7	GND	Connect to ground
8	RF OUT	RF output port
9	RF IN	RF input port
10	HD INPUT	HD signal input port
11	USB	Upgrade by PC
12	PWR	Power indicator light
13	DC 12V	Connect to adaptor input
14	OK	Confirm the current operation

TECHNICAL SPECIFICATION

Modulator	
Standard	DVB-T
Constellation	64QAM
Bandwidth	6 / 7 / 8 MHz
Carriers	8K
Guard Interval	1/32
Code Rate	7/8
MER	35 dB
Frequency Range	50 ~ 860 MHz
RF Level	70 ~ 100 dBuV
Output Impedance	75Ω
HD	
Compression	H.264 - bitrate 5-15 Mb/s
Video Resolution	1920*1080_60P, 1920*1080_50P; 1920*1080_60i, 1920*1080_50i; 1280*720_60p, 1280*720_50P
Connector	HD
General	
Power Source	DC 12V / 1.5A

USER'S MANUAL

QUICK MENU GUIDE

System Booting

CH1	→	Program Name
CH-21 477.0MHz	→	Channel Number & Frequency

Main Menu

1. ProgramName
2. Country
3. Channel
4. TS ID
5. Program Num
6. LCN
7. RF Level
8. Version
9. Reset

Submenu

1. ProgramName --> OK -->
2. Country --> OK -->

CH1
▲ ▼ OK ◀ ▶

UK	Germany	Poland
Ukraine	Greece	Romania
Albania	Holland	Russia
Algeria	Hungary	Saudi Arabia
Australia	Iran	Serbia
Austria	Iraq	Singapore
Belgium	Ireland	Slovakia
Brunei	Libya	South Africa
Bulgaria	Lithuania	Spain
China	Italy	Sweden
Croatia	Macedonia	Switzerland
Czech Republic	Netherlands	Taiwan
Denmark	New Zealand	Thailand
Finland	Norway	Tunisia
France	Portugal	Turkey

3. Channel --> OK -->

CH-21 474.0MHz
◀ OK ▶

4. TS ID --> OK -->

TSID: 01234
(0~65535)
▲ ▼ OK ◀ ▶

5. Program Num --> OK -->

ProgramNum:05678
(0~65535)
▲ ▼ OK ◀ ▶

6. LCN --> OK -->

LCN: 0401
(0~1023)
▲ ▼ OK ◀ ▶

7. RF Level --> OK -->

RF Level: 100dBuV
◀ OK ▶

8. Version --> OK -->

Modulator Ver
Ver: 1.1

9. Reset --> OK -->

Factory Reset?
YES No