DIGITAL SATELLITE RECEIVER

USER'S MANUAL

EN	User manual : www.jiubei.eu/manuals
FR	Mode d'emploi : www.jiubei.eu/manuals
DE	Bedienungsanleitung : www.jiubei.eu/manuals
IT	Istruzioni per l'uso : www.jiubei.eu/manuals
ES	Manual de usuario : www.jiubei.eu/manuals

Important Safety Instructions

Thank you for choosing our product. Before installation, we would like to remind you of some notes, which is very important for operating safely and properly, as follows:

1. Be sure to read this user manual before starting your operation.
2. Never open the cover. It is very dangerous to touch the inside stuff of the unit due to possible electric shock.
3. If you don't use this unit for long time, please pull the power plug out from the outlet. Do not use a damaged power cord.
4. Do not touch the power with wet hands. If there is liquid flow into the unit, pull out the power cord immediately because it may cause fire or electric shock.
5. Place the unit in a well ventilated and no heat environment.
6. You must install the dish with correct direction and angle. If the dish is not working properly, contact your local dealer.
7. Install the unit horizontally. Unbalanced installation may cause the unit to be damaged by it.
8. When the unit is suddenly moved to a hot area from a cold area, it may cause some problems. In that case, turn off the power, and turn on again after 1-2 hours.
9. Install the unit in a place with:
   good ventilation
   suitable temperature
   no direct sunrays
   low humidity
   low vibration influence
10. Do not put heavy objects on the unit.

General Information

The digital satellite receiver allows you to view digital satellite programs. This user's manual covers the installation of the receiver and the necessary steps to operate various features. It also explains special features available only in this receiver in details, which will help you to take full advantage of these features.

Main Features

- Fully DVB-S/S2 compliant
- MPEG-2/MPEG-4(H.264) SD/HD decoding (MP@ML/HL)
- DiSEqC1.0/1.1/1.2, USALS, Unicable and MDU supported
- USB Wi-Fi dongle supported (Ralink7601)
- Youtube
- USB PVR and Timeshift supported
- Multimedia(MKV/AVI/MPG/MOV/JPG/PNG/MP3 and so on) supported
- Easy and fast software upgrade through USB/Network/OTA
- More than 5000 channels memory space
- 8 Favorite channel groups & 7 days Electronic Program Guide (EPG)
- Channel Search by automatic, manual and fastest blind scan
- Teletext output with both VBI and OSD
- Multi-language Subtitle output supported
- Multi-language and 32 bits true color on screen display (OSD)supported
- Aspect Ratio 4:3 and 16:9

- Signal lever & quality indicator
- Parental Lock/Channel Lock
- Database backup to USB disk and restore from it at any time

Connection

Connecting to TV set and Satellite Dish via HDTV cable.

KEY	FUNCTION
USB 2.0*2	For USB PVR, Timeshift and Media Player, Wi-Fi/3G Dongle
Display IR	IR extender cable with 4*7 channel display

LNB IN	For DVB-S/S2 signal input
HDTV	19 PIN Female 1.3
RS-232	Mini-Jack convert to RS-232
AV	Mini-Jack convert to CVBS and Right/Left Audio output
DC-IN	12V/1A DC in

PREPARATION

Read the instructions before connecting other equipments.
Ensure that you observe the color-coding when connecting audio and video cables
Please connect the device with TV by HDTV or CVBS output and setup output format accordingly.

REMOTE CONTROL
All receiver features can be controlled with the remote control unit.

1.POWER	Power ON/Standby the receiver
2.MUTE	Mutes the sound
3.RED(TTX)	Function key (TeleText switch)
4.GREEN(SUB)	Function key (Subtitle switch)

5.YELLOW(ZOOM)	Function key (Zoom)
6.BLUE	Function key
7.<< FB	Fast backward to view the current playing movie or channel
8.>> FF	Fast forward to view the current playing movie or channel
9. |<<(PREV)	Go to the previous recorded file, and play it
10.>>|(NEXT)	Go to the next recorded file, and play it
11.TIMESHIFT	Begin to timeshift
12.>ll(PLAY/PAUSE)	Pause when you play a recorded program or skip when you are recording
13.■(STOP)	Stop record, timeshift or stop play recorded file
14.REC	Begin to record when view program
15.SAT	Switch between satellite group in menu
16.ASPECT	Switch Aspect Ratio quickly
17.SLEEP	Set sleep Timer
18.FORMAT	Quick change receiver's output resolution by one key
19.EPG	Show EPG
20.INFO	Shows current channel's information
21.⋀ UP	Channel change, or move cursor up
22.⋁ DOWN	Channel change, or move cursor down
23⋖ LEFT	Move focus left. (Also VOL-)
24.⋗ RIGHT	Move focus right. (Also VOL+)
25.OK	Confirm
26.MENU	Show main menu or back to full screen play program status from main menu or sub-menu.
27.EXIT	Escape from present menu
28.FAV	Display the favorite channel list
29.AUDIO	Switch among left audio/right audio/stereo
30.VOL +/-	Volume control
31.PAGE +/-	Page UP/DOWN
32.0-9	Enter the channel's number
33.RECALL	Switch back to previous channel
34.TV/Radio	Switch between TV and Radio mode

SPECIFICATIONS

SECTION	ITEM	DESCRIPTION
PROCESSOR	CPU	CS-8001
	Flash Memory	4MB
	DDR2	512Mb
DVB-S/S2 TUNER	Input Frequency:	950 ~ 2150MHz
	Input level:	-80 ~ -20dBm
	Input impedance	75 Ω
CHANNEL DECODING	Demodulation	QPSK, 8PSK, 16PSK
	FEC mode	DVB-S: 1/ 2, 2/3, 3/4, 5/6. 7/8
		DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (QPSK) 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK)
	Symbol Rate	DVB-S: 2.0~45 MS/s
	Demodulation	QPSK, 8PSK, DVB-S2: 10-30 Mb/s (QPSK), 10-31Mb/s (8PSK)
DEMULTIPLEXER	Standard	ISO/IEC 13818-1
	Input Max. Bit Stream Rate	100Mbps(Serial)/12.5MBps(Parallel)
VIDEO DECODING	Standard	ISO/IEC 13818-2, MPEG-2 MP@ML, MPEG-4 AVC (MP L4.1)
	Aspect Ratio	4:3, 16:9
	Video Format	PAL-B / NTSC-M / PAL-N / PAL-M
	Video Resolution	1080P, 1080I,720P,480P/576P,480i/576i SD compatible
AUDIO DECODING	Standard	ISO/IEC 13818-3
	Decoding	MPEG-1 Layer I and II, MPEG-2, MPEG-4 AAC
	Output Mode	LPCM, RAW
	Sampling Frequency	32, 44.1, 48KHz
	Volume Level	24 Levels
AV OUTPUT	Video de-emphasis	CCIR REC.405-1, 625LINES
	Video bandwidth	5.5MHz
	Video output impedance	75Ω
	Video output level	1.0Vp-p
	Audio output	Stereo
	Audio output frequency	20Hz~ 20KHz
	Audio output impedance	Low
	Audio output level	A 1.0Vrms ± 2dB into 10K.
	Panel Interface	● 1 x AV (CVBS+R/L AUDIO) ● 1 x HDTV ● 1 x LNB IN ● 1 x RS-232 ● 1 x IR FOR LED DISPLAY ● 2 x USB 2.0 Port
OTHERS	Power input Spec.	DC 12V-1A (100-250V~50/60Hz). Max.8W

Trouble Shooting

Problem	Possible Causes	What To Do
No display light up on front panel	Power cord is not well plugged	Check to make sure power cord is plugged properly into power socket.
No sound or picture, but the front panel red light is ON.	The unit is in standby mode.	Press the standby button.
No sound or picture.	The satellite dish is not pointing at the satellite.	Adjust the dish. Check the Signal Level in the Antenna Setup menu.
	No signal or weak signal.	Check the cable connections, LNB and other equipment connected between the LNB and the receiver, and/or adjust the dish.
Bad picture/ Blocking error.	The satellite dish is not pointing at the satellite	Adjust the dish.
	Signal is too strong.	Connect a signal attenuator to the LNB input.
	Satellite dish is too small.	Change to a larger dish.
	LNB noise factor too high.	Change to an LNB with lower noise factor.
	The LNB is faulty.	Change the LNB.
There is interference on your digital satellite channel.	The system is connected using RF cable and the output channel of the receiver interferes with an existing terrestrial channel or Video signal.	Change the receiver output channel to a more suitable channel, or connect the system using SCART cable.
The RCU is not working.	Out of battery	Change the battery.
	RCU is aimed at wrong direction.	Aim the RCU at the unit, and make sure no blocks between the front panel and RCU.

Note: If you still cannot resolve the problem with above reference, please contact the local dealer or their after-sales service center.