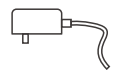## Safety Notes:

1. Do not expose the device to rain, moisture or liquid.
2. Keep in well ventilated area to avoid any overheating.
3. Power the device using the included power adapter.
4. Turn off the power before connecting or disconnection from the outlet.
5. Keep the user manual for future reference.

1. BOX CONTENTS

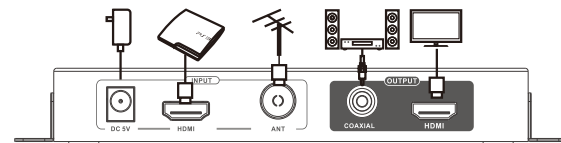OREI XD-1290 Converter   DC5V/2A power adapter

Remote control   User manual

2. INSTALLATION EQUIPMENT

2.1 Video source with HDMI OR RF output.
2.2 HDMI display or projector.
2.3 Home Theater or Receiver with Digital Coaxial input.

3. INSTALLATION STEPS

3.1. Connect HDMI signal of the source to the XD-1290's HDMI Input such as cable box.
3.2. Connect DVB-T signal via RF cable to the RF-input on XD-1290.
3.3. Connect the XD-1290 to the HDMI display using HDMI cable, then connect power adapter to the XD-1290.
3.4. You may also connect a receiver or home theater system to the XD-1290 using coaxial audio output.
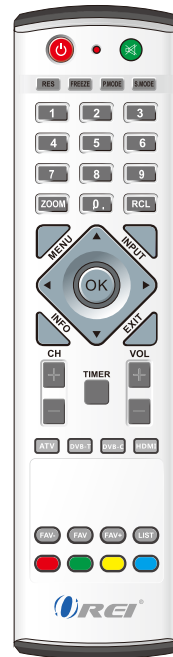
4. OPERATION

4.1 Main button Functions:

4.1.1. Power: Stand by, ON/OFF
4.1.2. RESOLUTION: Cycles between the following output resolutions: 720p@50Hz, 1080p@50Hz, 720p@60Hz and 1080p@60Hz, 4K@30Hz, 4K@60Hz
4.1.3. CH-: Previous Channel
4.1.4. CH+: Next Channel
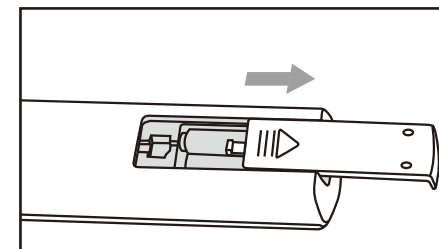4.1.5. INPUT: Input source menu
4.1.6. MENU: Enter main menu

4.2 Remote control functions:

POWER: Power ON/OFF, standby
MUTE: Mute Audio
RES: Cycle between the following output resolutions: 720p@50Hz, 1080p@50Hz, 720p@60Hz and 1080p@60Hz, 4Kx2K@30/60Hz
FREEZE: Freeze picture on the screen
P.MODE: Set Picture Mode
S.MODE: Set Sound Mode
0--9: Number digits
ZOOM: Cycle between output ration and zoom: 4:3, 16:9, ZOOM 1, ZOOM 2
RCL: Recall Last Channel
MENU: Enter main menu
INPUT: Input source menu
INFO: INFO button
EXIT: EXIT button
▲ ▼ ◄ ► : Up, Down, Left, Right
OK: Confirm Button
CH+: Next Channel
CH-: Previous Channel
VOL+: Increase Volume
VOL-: Decrease Volume
TIMER: Off Timer
ATV: ATV Input
DVB-T: DVB-T input
DVB-C: DVB-C input
HDMI: HDMI input
FAV-: Remove from Favorites
FAV: Favorites list
FAV+: Add to favorites
LIST: Channels list

4.3 Install batteries to the remote control

4.3.1. As show in the diagram, slide open the back cover.
4.3.2. Install two AAA batteries. Make sure the positive/Negative pole match the instructions icon inside the cover.
4.3.3. Close the cover.

4.4 Input/Output Connection:

4.4.1 Connect any HDMI source to the input of the XD-1290 such as DVD, STB, Cable Box, DV, etc. HDMI resolution supported:
RGB/60Hz: 640x480, 800x600, 1024x768, 1280x720, 1280x768, 1280x960, 1280x1024, 1366x768, 1400x1050, 1440x900, 1680x1050 , 1920x1080, 3840x2160, 4096x2160, YUV/50Hz: 576i, 576p, 720p, 1080i, 1080p, 4Kx2K YUV/60Hz: 480i, 480p, 720p, 1080i, 1080p, 4Kx2K
4.4.2 RF Connection (ANT): Connect OTA video source to the ANT port of the converter.
4.4.3 HDMI Output connection: Connect HDMI display such as HDTV, HDMI monitor, or projector.
NOTE: Please switch the TV video input to the appropriate HDMI input used to connect the XD-1290.

4.4.4 Connect the digital audio output to a receiver or home theater. The audio output is either integrated into HDMI output or output independently to the digital audio output and can be connected to digital home theater.

4.5 Set input source:

4.5.1 Press "INPUT" button on the XD-1290, select input video source and press "OK" button to confirm.
4.5.2 Press "▲ ▼ " on the remote control select input video source, press "OK" button confirm.
4.5.3 Press "RESOLUTION" on the XD-1290 or "EXIT" on the remote control to exit the menu.

Input Source
DVB-T
DVB-C
ATV
HDMI

DVB-T	Select DVB-T input source
DVB-C	Select DVB-C input source
ATV	Select ATV input source
HDMI	Select HDMI input source

4.6. Menu option:

4.6.1 Menu option selection
4.6.1.1 Press "MENU" on the XD-1290 or the remote control to enter the menu option
4.6.1.2 Press "CH-" " CH+" on the XD-1290 or ◄ ► on remote control to select the Menu option
4.6.1.3 Press "INPUT" on the XD-1290 or OK on remote control to confirm selection.

4.6.1.4 Press "RESOLUTION" on the XD-1290 or "EXIT" on remote control to exit the menu.

4.6.2 Channel Setting

4.6.2.1 Press "MENU" on the XD-1290 or the remote control to select channel settings
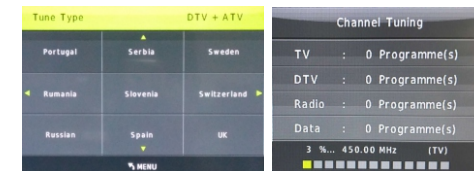4.6.2.2 Press "CH-" "CH+" on the XD-1290 or ▲ ▼ ◄ ► on the remote control to select the options of the channel
4.6.2.3 Press "INPUT" on the XD-1290 or OK" on the remote control to confirm the selection.
4.6.2.4 Press "RESOLUTION" on XD-1290 or EXIT" on the remote control to exit the men
Auto Tuning: Search TV channels automatically.
4.6.2.5 Choose "Tune Type" and Country to enter auto tuning

Tune Type: DTV/ATV/DTV+ATV
Country: Portugal/Serbia/Sweden/Rumania/Slovenia/Switzerland/ Russian/Spain /UK/Australia/ Bulgaria/Denmark/Austria/Croatia/ Finland/Belgium/Czech/France/Germany/Italy/Netherlands/United Arab/ Estonia/Tunis/New Zealand/Turkey/Algeria China/Morocco/Egypt/ South Africa /Slovak/Israel/Thailand/Iran
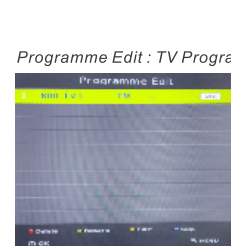
DTV Manual Tuning : DTV channels tuning manually

ATV Manual Tuning : Search ATV channels manually

4.6.2.6 Storage To X: save TV channel to X
4.6.2.7 Sound Standard DK: Sound NTSC
4.6.2.8 Video Standard Auto : Picture NTSC
4.6.2.9 Current CH X: select CH X to tuning manually
4.6.2.10 Search: Search TV channels
4.6.2.11 Fine-Tune: Fine tuning
Press ●(RED) On the remote control to save channels after manual tuning

Programme Edit : TV Programs edit

4.6.2.10 Press ● ● ● ● on remote control to edit TV programs
● (RED)：Delete selected program
● (GREEN)：Rename selected program
● (ORANGE)：Marked as a favorite program
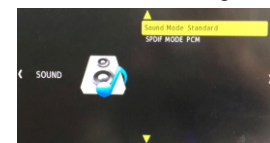● (BLUE)：Skip the program\

Signal Information

4.6.3 Picture Settings

4.6.3.1 Press "MENU" on the XD-1290 to select picture settings, "CH-" "CH+" button to select the options of the picture mode, press "OK" to confirm the selection.
4.6.3.2 Press "MENU" on the remote control to select picture settings, "OK button to select the options of the picture mode.
4.6.3.3 Press "RESOLUTION" on the XD-1290 or "EXIT" on remote control to exit the menu.
Picture mode： Standard/Mild/Vivid
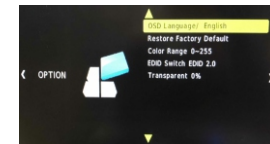Color Temperature: Warm/Mild/Cold
Ratio： 4:3/16:9/ZOOM 1/ZOOM 2

4.6.4 Sound mode settings

4.6.4.1 Press "MENU" on the XD-1290 to select sound settings, "CH-" "CH+" button to select the options of the sound mode, "OK" to confirm the selection.
4.6.4.2 Press "MENU" on the remote

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control to select sound settings, "OK" button to select the options of the sound mode.
4.6.4.3 Press "RESOLUTION" on the XD-1290 or "EXIT" on remote control to exit the menu.
Sound mode: Standard/Concert/Movie/Sports(default: Standard)
Coaxial mode: PCM/AUTO

4.6.5 option settings

4.6.5.1 Press "MENU" on the XD-1290 to select option settings, "CH-" "CH+" button to select the options of the option mode, "OK" to confirm the selection.
4.6.5.2 Press "MENU" on the remote control to select option settings, "OK" button to select the options of the option mode.
4.6.5.3 Press "RESOLUTION" on the XD-1290 or "EXIT" on remote control to exit the menu.
Language：English/Deutsch/French
Restore factory default：All settings go back to default setting.
Color range: 0～255/16～235/ AUTO(available for HDMI input only).
EDID switch：EDID 1.4/EDID 2.0(available for HDMI input only).
MENU transparent：0%/25%/50%/75%/100%. Adjust the transparency of the menu.

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5. FAQ

Q1. No output display
A1. 1) Check if all are securely and firmly connected and LED is light and the TV is switched the right channel.
2) Check if TV resolution is compatible with the output resolution of the XD-1290. Press the RES button on the remote to cycle between different output resolutions.

Q2. Abnormal output picture
A2. If HDMI input is to a HDMI graphic card, check if the resolution is compatible with the converter.

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6. SPECIFICATIONS

Items	Specifications
Power	DC 5V/2A
HDMI input	HDMI 2.0 compliable, support HDCP 2.2 support 4Kx2K@60Hz 8 bit deep color Input resolutions: 480i@60Hz，480p@60Hz，576i@50Hz，576p@50Hz，720p@50/60Hz，1080i@50/60Hz，1080p@50/60Hz，4Kx2K@24/25/30/60Hz HDMI graphics resolutions: 640x480@60Hz，800x600@60Hz，1024x768@60Hz，1280x720@60Hz，1280x768@60Hz，1280x960@60Hz，1280x1024@60Hz，1360x768@60Hz，1366x768@60Hz，1400x1050@60Hz，1440x900@60Hz，1680x1050@60Hz，1920x1080@60Hz，3840x2160@24/25/30/60Hz，4096x2160@24/25/30/60Hz
DTV input	DVB-T, DVB-T2，DVB-C
ATV input	PAL/NTSC/SECAM
DDC signal	5Vp-p (TTL)
TMDS signal	0.5-1.0Vp-p
HDMI output	720p@50Hz，1080p@50Hz，720p@60Hz，1080p@60Hz，4Kx2K@30/60Hz
Coaxial output	PCM/AUTO
Power comsuption	< 6W
Comsuption	
Product size	167x92.1x22.8mm

Disclaimer

OREI is a registered trademark of OREI, LLC The pictures in the user manual are for reference only and there may be a slight difference in the appearance of the actual product. We reserve the right to make changes without further notice to a product or system described herein to improve its reliability and functionality.