

HDMI SWITCH WITH AUDIO EXTRACTOR USER MANUAL V1.1

VHW201KC



VHW401KC



VHW801KC



Overview

The **VHW201KC/VHW401KC/VHW801KC** is a high-performance HDMI switch equipment. It provides high-performance video up to Ultra HD/4K@60Hz resolution and extract HDMI IN audio into the 3.5mm phone jack(Analog R/L) and optical(digital).

Features

- Support resolution up to 4Kx2K@60Hz (4:4:4).
- Support HDR.
- HDCP 1.4/2.3 compliant.
- Supports RS232 and Remote control.
- Audio extractor supports analog stereo and digital (optical).
- Supports ARC extraction to stereo and optical output.
- Supports EDID management

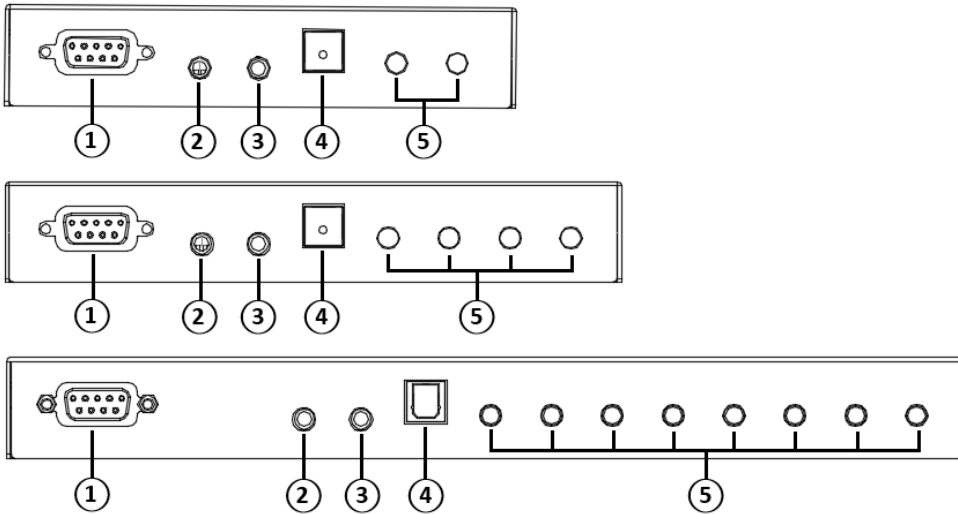
Package Contents

- 1 x VHW201KC or VHW401KC or VHW801KC
- 1 x User manual
- 1 x Power adapter DC12V with lock
- 4 x Foot pads
- 1 x IR remote cable
- 1 x Remote control

Specifications

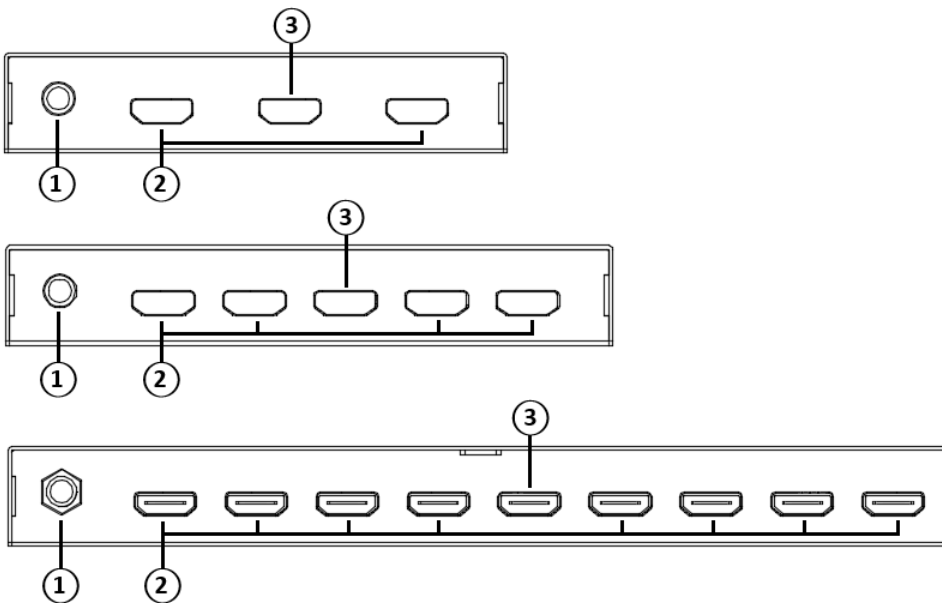
Function	VHW201KC	VHW401KC	VHW801KC
HDMI Compliance	HDMI 2.0a		
HDCP Compliance	1.4 / 2.3		
Video resolution Max.	4K2K@60 (4:4:4 8bit / 4:2:0 12bit)		
AUDIO Support	LPCM,Dolby TrueHD, Dolby Digital/Plus/EX,DTS,DTS-HD...		
HDR support	Yes		
ARC support	Yes		
3.5mm phone jack	PCM 2ch		
Optical jack	PCM 2ch / compressed 5.1ch (96K)		
HDMI Input	HDMI A Type x 2	HDMI A Type x 4	HDMI A Type x 8
Output connector	HDMI A Type x 1		
RS232 control	DB9 x 1		
SELECT KEY+Display LED	2	4	8
Operating Temperature	0° to 40°C (32~104°F)		
Storage Temperature	-20°~60°C (-4~140°F)		
Humidity	20 - 90% RH, Non-Condensing		
Power Supply	12V/1A DC		
Weight	305g	465g	
Dimensions (LxWxH)	124x83x25mm	152x144x25mm	237x144x25mm

FRONT VIEW



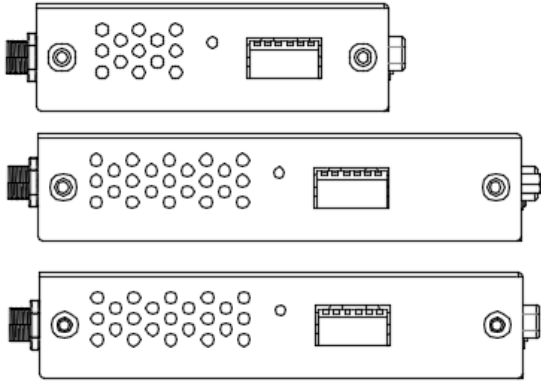
1. RS-232 Port
2. IR IN
3. Analog audio (3.5mm Phone jack) OUT
4. Digital (Optical) OUT
5. Select Key + Display LED
 - Green LED : HDIM IN Online
 - Red LED : Select port

REAR VIEW



1. DC 12V IN
2. HDMI INPUT
3. HDMI OUTPUT

SIDE VIEW



PIN1	PIN2	EDID MODE	Description
OFF	OFF	COPY OUT	Video & Audio setting from HDMI out
OFF	ON	Reserved	
ON	OFF	AUDIO 2ch	Video same as HDMI out, Audio set to PCM 2CH; Suggestion from Analog audio out used
ON	ON	AUDIO 5.1ch	Video same as HDMI out, Audio set to compressed 5.1ch; Suggestion from Digital audio out used

PIN3	OFF	ARC OFF
	ON	ARC ON

PIN4	OFF	UNLOCK FRONT PANEL
	ON	LOCK FRONT PANEL

PIN5	PIN6	SWITCH MODE
OFF	OFF	MAUNAL SELECT
OFF	ON	AUTO SKIP EMPTY INPUT
ON	OFF	AUTO SENSE
ON	ON	PORT 1 PRIORITY

RS232 Console Protocol

Baud Rate: 115200, n parity bit, 8 data bits, 1 stop bit

Ascii Base

Execute Command by '\r' (carriage return)

Command List

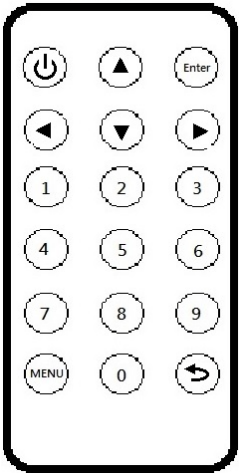
[SH-0X1CAK Console Help]

help : Display help information
reset : Reset the device
info : Display device information
status : Display device status

r : Set the routing status
rs : Display device routing status
edid : Display device input EDID information
default : Reset to factory default settings

For more information, type '/h' or '?' after each commands.

Remote control



KEY1~KEY8 : Specify the Channel for HDMI signal Input.

KEY← → : Switch to the next or previous HDMI signal.

POWER KEY : OFF HDMI OUT.

Trademarks:

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