VISION
installation:innovation

TECHCONNECT TC3-HDMI14

OWNERS MANUAL

www.visionaudiovisual.com/techconnect/tc3-hdmi14/

DECLARATION OF CONFORMITY

Where applicable Vision products are certified and comply with all known local regulations to a 'CB Certification' standard. Vision commits to ensure all products are fully compliant with all applicable certification standards for sale in the EU and other participating countries.

The product described in this owner manual is in compliance with RoHS (EU directive 2002/95/EC), and WEEE (EU directive 2002/96/EC) standards. This product should be returned to the place of purchase at the end of its useful life for recycling.

WARNINGS

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle, is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

All products are designed and imported into the EU by 'Vision' who is wholly owned by 'Azlan Logistics Ltd.', Registered in England Nr. 04625566 at Lion House, 4 Pioneer Business Park, Clifton Moor, York, YO30 4GH. WEEE Registration: GD0046SY

DECLARATION OF ORIGIN

All Vision products are made in the People's Republic of China (PRC).

USE ONLY DOMESTIC AC OUTLETS
Connecting the unit to an outlet supplying a higher voltage may create a fire hazard.

HANDLE THE POWER CORD WITH CARE
Do not disconnect the plug from the AC outlet by pulling the cord; always pull the plug itself. Pulling the cord may damage it. If you do not intend to use your unit for any considerable length of time, unplug the unit. Do not place furniture or other heavy objects on the cord, and try to avoid dropping heavy objects on it. Do not tie a knot in the power cord. Not only could the cord be damaged, but a short circuit could also be caused with a consequent fire hazard.

PLACE OF INSTALLATION
Avoid installing this product under the following conditions:
• Moist or humid places
• Places exposed to direct sunlight or close to heating equipment
• Extremely cold locations
• Places subject to excessive vibration or dust
• Poorly ventilated places

Do not expose this product to dripping or splashing. DO NOT PLACE OBJECTS FILLED WITH LIQUIDS ON OR NEAR THIS PRODUCT!

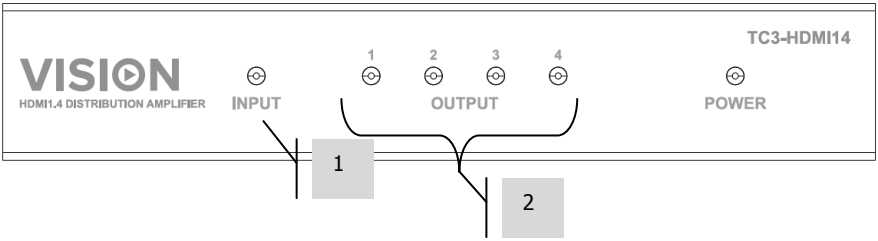
MOVING THE UNIT
Before moving the unit, be sure to pull out the power cord from the AC outlet and disconnect the interconnection cords with other units.

WARNING SIGNS
If you detect an abnormal smell or smoke, turn this product off immediately and unplug the power cord. Contact your reseller or Vision.

PACKAGING
Save all packing material. It is essential for shipping in the event the unit ever needs repair.

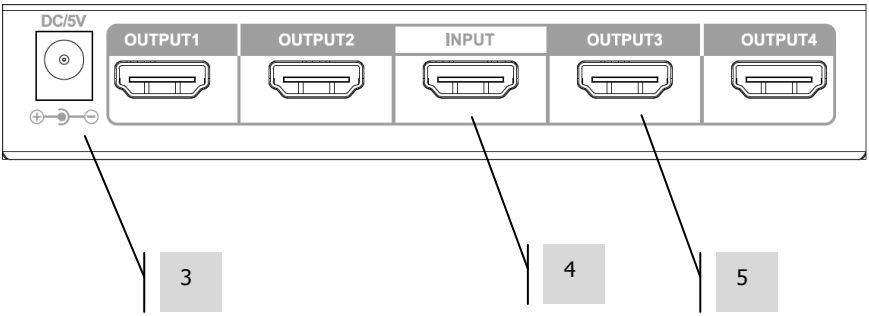
IF ORIGINAL PACKAGING IS NOT USED TO RETURN THE UNIT TO THE SERVICE CENTRE, DAMAGE IN TRANSIT WILL NOT BE COVERED BY WARRANTY.

FRONT AND REAR PANELS



1. Input Status LED
   ON source is connected and powered on
   OFF source not connected or it is powered off

2. Output Status LED
   ON display is connected and powered on
   OFF display is not connected or it is powered off



3. 5V 2A Power input

4. HDMI Input. Connect PC or BlueRay.

5. HDMI Outputs. Connect display or projector.

INSTALLATION

1. CONNECT INPUT
   Plug HDMI cable into input.
   Input and output cables are not included with this product.

2. CONNECT OUTPUTS
   This product features pre-emphasis and equalization to overcome cable deficiencies. This may not always be successful if poor quality cable is used.

3. TURN POWER ON
   With the switch off at the wall, connect power adaptor then turn on. Source and display devices can be turned on before they are connected.

It is not essential to do the steps in this order, but it does assist with the automatic EDID handshake. If you have connected everything and it is not working check the status lights to see if they are connected, and try cycling power.

NOTE: This product can be cascaded

TROUBLESHOOTING

If your system is not operating properly, please refer to the following information. If the problem persists, disconnect from power and contact your AV reseller immediately.

Problem	Correction
No status lights	• Check input and output cables • Check source and displays are turned on
No picture on display/s	• Check everything is powered on • Check cables are connected properly • Try shorter cables • Check that the corresponding LED is lighting on the splitter • Ensure display device supports HDCP (copy protection) • Check that display has correct input selected
No power light	• Try alternative power supply
3D not working	• 3D only works at 1080P resolution, not 4K
Display shows snow or mosaic	• Check cables are connected properly • Try shorter cables • Reduce resolution of source or try another source

SPECIFICATIONS

PRODUCT DIMENSIONS: 140 x 64 x 24 mm / 5.5″ x 2.5″ x 0.9″ (length x width x height)
PACKAGED DIMENSIONS: 190 x 138 x 95 mm / 7.5″ x 5.4″ x 3.7″
PRODUCT WEIGHT: 0.28 kg / 0.62 lb
PACKAGED WEIGHT: 0.65 kg / 1.43 lb
CONSTRUCTION MATERIAL: Metal

COLOUR: White

TECHNICAL DETAILS
Video Amplifier Bandwidth: 10.2Gbps
Maximum Pixel Clock: 340 MHz
Input Video Signal: 0.5-1.2 volts p-p
Input DDC Signal: 5 volts p-p (TTL)
Video Impedance: 100 Ohms
Maximum Video Format Supported: 4K @ 30Hz, Deep Colour, Lip Sync
Output Video: HDMI 1.4a
ESD Protection: ± 4kV (contact discharge through human body)
Operating Temperature Range: -0 to +35°C (-41 to +95 °F)
Operating Humidity Range: 10 to 90 % RH (no condensation)
Power Consumption: 10 Watts (max.)

INPUTS:
1 x HDMI (type A)

OUTPUTS:
4 x HDMI (type A)

POWER SUPPLY: 100-240v 50/60Hz AC 5 volt / 1 amp
Transformer integrated into plug. Includes interchangeable plugs: UK/EU/US/AU. DC tail length: 1.8m. Transformer dimensions: 66 x 43 x 32mm / 2.6″ x 1.69″ x 1.26″

ACCESSORIES INCLUDED:
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WARRANTY: Lifetime return-to-base
2 years onsite (UK only)

COMPLIANCE: RoHS, WEEE, CE/EMC, C-TICK , FCC

ORDER PART CODE: TC3-HDMI14 [SAP: 3460408]

LIFETIME RETURN-TO-BASE WARRANTY

This product comes with a lifetime return to base warranty. If you have a problem you are required to provide a DETAILED DESCRIPTION of the fault.

Some Vision products are very technical and require troubleshooting all elements of the installation as it may not be the Vision product at fault. Because of this the manufacturer may refuse to replace the item if an adequate description is not provided.

- This warranty applies only to the original purchaser and is not transferable.
- This warranty protects you against the following:
    - Failure of any components, including the power supply.
    - Damage when the product is first removed from its packaging if reported within 24 hours of purchase.
- If the product is DOA (dead on arrival), you have 21 days from purchase date to notify the national distributor via your AV reseller.
- The original purchaser is responsible for shipment of the product to the Vision's appointed service centre.
- The liability of Vision is limited to the cost of replacement of the faulty unit under warranty except for death or injury (EU85/374/EEC).
- If the product is end of line (EOL) the Vision will provide a credit instead of replacement.
- This warranty does not protect this product against faults caused by abuse, misuse, incorrect installation, unstable or faulty power input, or modification.

Vision aims to send a replacement item within 5 working days however this may not always be possible, in which case it will be sent as soon as practicably possible. UK End users and resellers can request support at http://www.visionaudiovisual.com/support

2-YEAR ONSITE WARRANTY (UK ONLY)

The manufacturer provides an onsite warranty for the first two years taken from date of sale. This service can be requested at the url above and is provided at the manufacturer's discretion.

- This service is only provided for products which are difficult for an end user to get at and replace.
- The manufacturer will not provide the onsite service if
    - The reseller or end user has been abusive
    - The user has is taking unfair advantage of this service
- The manufacturer will pre-qualify the visit to ensure the fault relates to the Vision product.

The engineer visits are timed to ensure you are onsite and the room is accessible. A revisit WILL NOT be provided if access to the room is not provided at the arranged time. Engineers will wait 15 minutes only.

LEGAL DISCLAIMER: Because we are committed to improving our products, the details above may change without prior warning. This User Manual is published without warranty and any improvements or changes to the User Manual necessitated by typographical errors, inaccuracies of current information, or improvements to programs and/or equipment, may be made at any time and without notice. Such changes will be incorporated into new editions of the User Manual.