



Zenty | Professional A/V Solution Provider

[V1.0]
User Manual



4K 60Hz HDBaseT Modular Matrix Receiver

ZT-338 | ZT-MOUTB460



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1. Introduction

The ZT-MOUTB460 uses HDBaseT technology, and can receive signals with audio de-embedded, bi-directional IR and RS232 signal over single STP Cat5e/6/7. For 1080P 60Hz resolution, it can transmit to a distance of 330ft., and for 4K 60Hz up to 220ft.

2. Features

- Uses the HDBaseT technology extension over single CAT5e/6/7 cable
- Extend 4K/60(4:2:0) video & IR & RS232 Control
- Transmission distance up to 70/100m 220/330ft(1080P60) or 35/70m 110/220ft(4K60)
- HDMI2.0 and HDCP2.2
- RS232 and IR signal transmission, POC function
- Support DIP switch scaling and 3.5mm audio de-embed

3. Specifications

Description	HDMI 70/100m HDBaseT Receiver
Input Port	1xHDBaseT
Output Port	2 x HDMI, 1 x RS232, 1 x R-TX, 1 x R-RX
Standard Protocol	Support HDMI2.0 and compatible with HDCP2.2
Resolution	1920x1200, 1680x1050, 1360x768, 1280x800, 1920x1080, 1600x900, 1366x768, 1280x720, 1024x576, 1920x1200, 1680x1050, 1360x768, 1280x800, 4096x2160@30Hz, 3840x2160@30Hz, 3840x2160@60Hz
Bandwidth	10.2Gbps
Distance	1080p60 distances to 220/330 feet, 4K60(4:2:0) distances to 110/220 feet
Dimensions	152*102*27(mm)
Weight	0.35kbs
Power	AC: 100-240V 50/60Hz DC: 12V 1.5A
Consumption	≤ 10W
Work Temp	0°C ~50°C
Storage Temp	- 20°C ~55°C

4. DIP Switch Settings

Resolution Scaling			No functions	
D1	D2	Function	D3	D4
0	0	Resolution bypass	No functions	
0	1	Force the 4K30/50/60 resolution to 1080P30/50/60		
1	0	Force 4K50/60 420 resolution to 4K50/60 444		
1	1	Resolution bypass		

5. Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner, or benzine to clean.

6. Warranty

If your product does not work properly because of a defect in materials of workmanship, our company (referred to as “the warrantor”) will, for the length of the period indicated as below, “Parts and Labor (5) Years”, which starts with the date of original purchase (“Limited Warranty period”), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the “Labor” limited warranty period, there will be no charge for labor. During the “Parts” warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

7. Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured, and preferably in the original carton. Include a letter detailing the complaint and provide a daytime phone and/or email address where you can be reached phone and/or email address where you can be reached.

8. Limited Warranty Limits and Exclusions

This Limited Warranty **ONLY COVERS** failures due to defects in material or workmanship and **DOES NOT COVER** normal wear and tear or cosmetic damage. The Limited Warranty **ALSO DOES NOT COVER** damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis-adjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributed to acts of God.

There are no express warranties except as listed under “Limited Warranty Coverage”. The warrantor is not liable for incidental or consequential damages resulting from the use of this product or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive but are for illustration only). Parts and service, which are not covered by this limited warranty, are your responsibility.



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