4K60Hz HDMI Cascading Extender Receiver — 70M

Add-on RX for EXT-HDMICAS70M | 4K@60Hz | Per-Display EDID | 3-Year Warranty

MPN: EXT-HDMICAS70MRX

TABLE OF CONTENTS

Important: Use Cat6/6a STP (shielded twisted pair) with proper grounding for best transmission results. Do not bundle Cat cables with power cables.

Product Overview

The KanexPro **EXT-HDMICAS70MRX** is an add-on receiver unit for the EXT-HDMICAS70M cascading HDMI extender system. Each unit adds one additional display endpoint — up to 9 additional receivers per TX unit, for a total of 10 displays from one source. Each receiver independently manages its connected display's resolution and EDID. **Requires EXT-HDMICAS70M transmitter kit (sold separately).**

Key Features

- Add-on receiver for EXT-HDMICAS70M cascading system — sold separately
- Supports 4K@60Hz HDR over single Cat6/6a/7 up to 70M per run
- Independently manages display resolution and EDID — auto-adapts to connected display
- HDCP 2.2 support
- Bi-directional IR pass-through 20–60KHz — blasters included
- ARC S/PDIF digital audio de-embedded output
- Plug-and-play — no configuration required
- 3-year KanexPro parts and labor warranty

Specifications

Specification	Value
Type	Add-on RX — pairs with EXT-HDMICAS70M TX
Signal	HDMI 2.0	HDCP 2.2
Max Resolution	4K×2K @ 60Hz (4:4:4 HDR)
Transmission Cable	Single Cat6 / Cat6a / Cat7
Max Distance	70M (230 ft.) per Cat6 run
EDID Management	Independent per-receiver — auto-adapts
IR	Bi-directional 20–60KHz (blasters included)
Audio Output	ARC S/PDIF de-embedded
Power Supply	DC 5V–12V	RX <4W
Dimensions	106 × 99 × 26.2mm
Weight	RX 210g
Operating Temp	-20°C to 60°C
Warranty	3-year parts and labor

Package Contents

1× RX Unit | 1× DC Power Adapter | IR Blaster Kit | 1× User Guide

Safety Notes: Do not expose units to moisture. Ensure adequate ventilation around TX and RX units. Use only the included power adapters. Do not exceed the maximum cable distance.
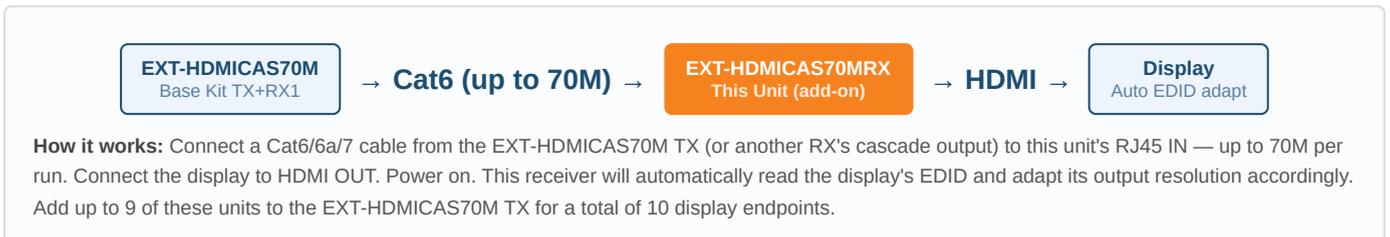
Panel Descriptions

RECEIVER (RX) PANEL

NO.	NAME	DESCRIPTION
1	RJ45 IN	Cat6/6a/7 input from TX (EXT-HDMICAS70M) or upstream RX.
2	HDMI OUT	HDMI 2.0 output to display.
3	S/PDIF OUT	Coaxial ARC audio output.
4	IR OUT	3.5mm IR blaster.
5	IR IN	3.5mm IR sensor input.
6	DC IN	DC 5V–12V power input.

Application Example

EXT-HDMICAS70M Base Kit TX+RX1	→ Cat6 (up to 70M) →	EXT-HDMICAS70MRX This Unit (add-on)	→ HDMI →	Display Auto EDID adapt

How it works: Connect a Cat6/6a/7 cable from the EXT-HDMICAS70M TX (or another RX's cascade output) to this unit's RJ45 IN — up to 70M per run. Connect the display to HDMI OUT. Power on. This receiver will automatically read the display's EDID and adapt its output resolution accordingly. Add up to 9 of these units to the EXT-HDMICAS70M TX for a total of 10 display endpoints.

Troubleshooting

Q: No signal on display

A: Verify the RJ45 cable from TX to this RX does not exceed 70M. Confirm the TX (EXT-HDMICAS70M) is powered and active. Check HDMI cable connection to display. Power-cycle this RX unit.

Q: Wrong display resolution

A: Power-cycle the RX with the display connected. The unit will re-read EDID and adapt. Ensure the display is powered on before powering the RX.

Q: No ARC audio

A: Check S/PDIF coaxial connection to amplifier. Confirm ARC is enabled on the display.