

Order Codes: 100014161 (NP01SW1: Switcher), 100014160 (NP01SW2: Switcher + Receiver)

HDBaseT Switcher / Receiver

External HDBaseT Solution

NEC's HDBaseT Switcher and Receiver is a clever solution that combines the advantages of HDBaseT and an easy to use control box. Uncompressed HD multimedia content in up to 4K resolution up to 100m through a single network cable.

Based upon HDBaseT technology, the all new NP01SW1/2 is a cross-product solution allowing for an easy installation of a projector or public display through a single network cable connection. The ultimate flexibility of HDBaseT allows the transmission of uncompressed HD multimedia content over cable distances of up to 100 meters, overcoming the traditional limitations of current cable technologies, reducing installation cost and therefore making this the ultimate solution for larger meeting rooms, classrooms, rental & staging, etc. Additionally, with support for multiple input sources incl. HDMI, MHL and MIC, the NP01SW1/2 lets you switch between devices with the click of a button. A simple and clever plug & play solution which can be connected directly to HDBaseT enabled devices. Even non HDBaseT compliant devices can easily be upgraded via an optional receiver box or the SB-07BC receiver.

Delivering Genuine Benefits



One cable solution for classrooms and meeting rooms

- Signal transmission via single HDBaseT connection
- Support for Picture, Video, Audio, Device control, and interactive whiteboards (USB backchannel) via HDBaseT

Easy to use

- Easy to connect teacher's PC
- Easy to control the Projector

Cross product solution

- Direct connection with HDBaseT enabled Projector and Public Display models (up to 100m)
- Non HDBaseT enabled models can be connected via HDBaseT receiver box (up to 30m) or SB-07BC OPS module



HDBaseT NP01SW Switcher



HDBaseT NP01SW Receiver



Technical Specifications

Model	HDBaseT Switcher	HDBaseT Switcher + Receiver
RESOLUTION		
Video	480i, 576i, 480p, 576p, 1080i@50/60Hz, 720p@50Hz/60Hz, 1080p@24Hz/25Hz/50Hz/60Hz 640x480@60Hz to 1920x1200@60Hz(RB), 4K2K@24/25/30Hz	
Colorspace	RGB, YCbCr444, YCbCr422	
Color depth	8/10/12	
AUDIO		
Formats	LPCM samplinc frequency: 32/44.1/48kHz	
DISTANCE		
CAT5e/6	Switcher: max. 100m	Switcher + Receiver: Max. 30m
SIGNAL		
HDCP	Yes	
CONTROL		
Control	RS232C	
CONNECTIVITY		
Interfaces	Switcher: 3 x HDMI in (HDMI3 incl. MHL support) 1 x Microphone Jack (3.5mm) 1 x USB 2.0 Type A 1 x USB 2.0 Type B 1 x RJ45 (100Base-TX) 1 x RJ45 (Ethernet) 1 x D-Sub 9pin (Service) 1 x Infrared receiver	Receiver: 1 x HDMI OUT 1 x USB 2.0 Type A 1 x USB 2.0 Type B 1 x RJ45 (100Base-TX) 1 x RS232C (D-Sub 9pin)
ELECTRICAL		
Power Consumption [W]	21	21/-
Stand-by Power Consumption [W] 0.1W 0.1W	100-240V 50/60Hz / 1.4A	100-240V 50/60Hz / 1.4A
ENVIRONMENTAL CONDITIONS		
Operating Temperature [°C]	5 to 40	
Storage Temperature [°C]	10 to 50	
Operating Humidity [%]	20 to 80	
Storage Humidity [%]	20 to 80	
MECHANICAL		
Net Weight (kg)	1.4	0.5
Gross Weight (kg)	2.9	3.6
Net Dimensions (W x H x D) [mm]	285 x 64 x 187	285 x 64 x 187 / 126 x 52 x 119
Gross Dimensions (W x H x D) [mm]	354 x 175 x 255	354 x 175 x 333
ADDITIONAL FEATURES		
Compatibility	HDBaseT compliant products	HDBaseT compliant products Control functions supported for NEC M/P/U/UM/PA Series Projectors and V/P/X/E Series Large Format Displays
Warranty	3 Years Warranty, Additional services available	
Shipping Content	HDBaseT Switcher, AC adapter (1.5M), mounting kit, user manual	HDBaseT Switcher, HDBaseT Receiver, AC adapter (1.5M), HDMI cable (0.5m), RS232C cable (0.5m), mounting kit, user manual
Regulatory Approvals	CE, RoHS, FCC, EAC, SASO	
For additional pictures and Solutions overview, Visit www.nec-display-solutions.com for details.		

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