

# VGA Cat5/5e/6 EXTENDER REFERENCE GUIDE

## MODEL 177344

Thank you for purchasing the MANHATTAN®  
VGA Cat5/5e/6 Extender, Model 177344.

By extending VGA and audio signals  
using Cat5/5e/6 cables for longer  
distance transmissions, this handy  
device helps provide you with more  
convenient placements from a single  
source to another display.

*Shown: Transmitter module,  
rear panel. See the back  
page for connector  
details.*



- Extends transmission range up to 300 m
- Easy installation: No software required!
- Supports resolutions up to 1600 x 1440 — VGA, SVGA, Multisync signal types
- Delivers a sharp, clear signal with RGB and brightness adjustments
- Lifetime Warranty

### SPECIFICATIONS

- (2) 3.5 stereo (in/out)
- RJ45 (output)

### Standards & Certifications

- FCC, CE

### Connections

- Transmitter ports:
  - HD15 female (out)
  - HD15 male (in)

- 9 V DC power
- Receiver ports:
  - HD15 female (out)
  - RJ45 female (in)
  - 3.5mm stereo (audio out)
  - 9 V DC power

### Video Signal

- Signal type: VGA
- Input voltage: 0.5 V p-p / 2.0 V p-p (min./max.)
- I/O impedance: 75 Ohms

### Physical (Splitter/Extender)

- Dimensions: 120 x 72 x 25 mm (4.7 x 2.8 x 1 in.)

- Weight: 252.3 g (8.9 oz.)

- Housing: metal

### Package Contents

- VGA Cat5/5e/6 Extender (receiver and transmitter modules)
- (2) 9 V DC power adapters
- Reference guide



# MANHATTAN

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MH-177344-QIG-0908-01

## TRANSMITTER MODULE — FRONT



VGA out

Audio out

Video Audio Power

## TRANSMITTER MODULE — BACK



9 V DC

RJ45

Audio in

VGA in

## RECEIVER MODULE — FRONT



Lum

R

G

B

Video Audio Power

## RECEIVER MODULE — BACK



9 V DC

RJ45

Audio out

VGA out

## OPERATING GUIDELINES:

- Always make sure the proper power supply is being used before installation or operation.
- Use matched cable to avoid improper operation or damage.
- Ensure units are well ventilated and away from excessive heat and humidity/moisture.
- Never open the device(s) without professional assistance.