

HDMI PATTERN 2
HDMI PATRN 2GB
HDMI PATRN 2EU

Instruction Manual

Video Pattern Generator

HDMI/DVI Portable Video Test
Pattern Signal Generator

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

The HDMIPATTERN2 HDMI/DVI Portable Video Signal Generator lets you quickly test DVI-D (digital) and HDMI-capable displays, making it easier to diagnose and troubleshoot digital video calibration issues. The device can be powered by either the included AC adapter or a 9V battery, offering a conveniently portable solution for mobile installers and technicians.

The video signal generator features 8 built-in video test patterns, including both HD video test patterns and standard definition patterns, allowing you to quickly analyze color performance, linearity, and HDCP issues.

Delivering a cost-effective way to test HDMI or DVI-D displays (using an HDMI to DVI cable - not included), the pattern generator is an ideal solution for AV install experts/integrators or digital signage installers looking to save time and solve problems with an HDTV display.

Backed by a StarTech.com 1-year warranty and free lifetime technical support.

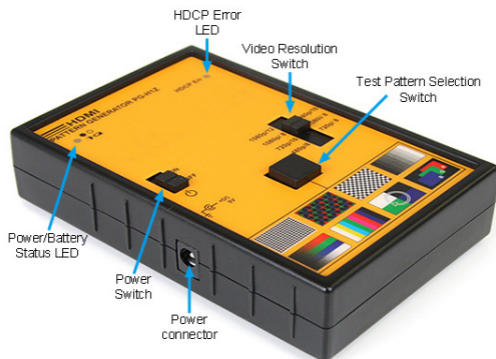
Packaging Contents

- 1 x HDMI pattern generator
- 1 x HDMI cable
- 1 x Power Adapter
- 1 x Instruction Manual

System Requirements

- HDMI or DVI-D enabled display device (i.e. monitor, projector, HDTV, etc)
- Available AC power outlet or 9V battery

Front View



Top View



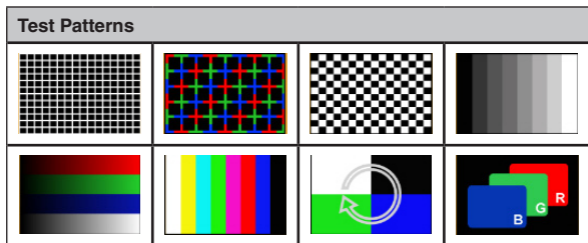
Installation

1. The video generator can be powered either by external power adapter or a 9V battery. To access the battery compartment, flip the unit over and on the bottom side, will be the battery door. Push in the small tab that secures the door and lift the door away from the unit.
2. Set the Video Resolution Switch to the desired output resolution for the display device (i.e. monitor, HDTV, etc) you wish to calibrate/test.

Swtich Setting	Description
1080p/12	1080p @ 60Hz (12-bit)
1080p/10	1080p @ 60Hz (10-bit)
1080p/8	1080p @ 60Hz (8-bit)
1080i/8	1080i @ 60Hz (8-bit)
720p/10	720p @ 60Hz (10-bit)
720p/8	720p @ 60Hz (8-bit)
480p/8	480p @ 60Hz (8-bit)

3. Connect the video generator to the display device using an HDMI cable or HDMI-to-DVI adapter/cable.
4. Set the Power Switch to the ON position, and the Power LED should light up solid. If using battery power, then the battery becomes low, the LED will start to flash.
5. If the display device is HDCP compliant, than the HDCP Error LED should NOT light up. If the LED lights up, then there is a problem with HDCP verification.

6. The current test pattern should be display on the display device. Pressing the Test Pattern Selection Switch will toggle through each of the available test patterns.



Specifications

Video Signal	High Speed HDMI (1.3)
Connectors	1 x HDMI type A female 1 x DC Power
LEDs	1 x Power/Battery Status 1 x HDCP Error
Video Resolution Support	480p (60Hz, 8-bit), 720p (60Hz, 8/10-bit), 1080i (60Hz, 8-bit), 1080p (60Hz, 8/10/12-bit)
HDCP Support	HDCP 1.2
Number of Test Patterns	8
Maximum Cable Distance	5 m / 16.4 ft
Enclosure Material	Plastic
Power Source	9V battery 9VDC, 600mA power adapter
Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Humidity	0% ~ 95%
Dimensions	132.0mm x 87.0mm x 28.0mm
Weight	150 g

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a one year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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