



DP-102

8K 1x2 DisplayPort Splitter

The DP-102 is a 1x2 DisplayPort 1.4 splitter that distributes one DisplayPort source to two displays simultaneously, supporting mirror, extended desktop, and panoramic video wall modes. With 32.4Gbps bandwidth, it handles resolutions up to 8K@30Hz, dual 4K@60Hz, or four 4K@30Hz displays, plus 4K HDR and UHD formats. Fully compliant with DP 1.4 and MST 1.2, it supports DSC, 3D, and 5.1-channel audio. Compatible with AMD Eyefinity, NVIDIA Surround, and Intel Collage, its compact, plug-and-play design is ideal for signage, control rooms, gaming, and workstations.

DIMENSIONS & WEIGHT:
Length: 95mm / 3.74in **Width:** 68mm / 2.67in
Height: 18mm / 0.70in **Weight:** 172g / 6.06oz

PACKAGE CONTENTS: 1x DP-102, 1x Power Adapter, User Manual

KEY FEATURES:

- DisplayPort 1.4 Compliant** – Ensures compatibility with the latest high-resolution video and audio standards.
- 1x2 DP Signal Distribution** – Duplicates a single DisplayPort 1.4 source to two DisplayPort monitors.
- Multiple Display Modes** – Supports mirror, extended desktop, and panoramic video wall configurations.
- High Bandwidth Support** – Offers up to 32.4Gbps video bandwidth, enabling seamless playback and signal integrity.
- Advanced Resolution Support** – Delivers up to 8K@30Hz, dual 4K@60Hz, and triple/quad 4K@30Hz output options.
- HDR & UHD Ready** – Compatible with 4K HDR and ultra-high-definition formats for rich, lifelike visuals.
- MST & SST Modes** – Supports Multi-Stream Transport (MST) for extended displays and Single-Stream Transport (SST) for mirrored output.
- 3D, DSC & Surround Audio Support** – Enables immersive media experiences with 3D video, DSC and 5.1-channel surround sound.
- GPU Compatibility** – Works with DP 1.4 graphics cards and multi-display platforms including AMD Eyefinity, NVIDIA Surround, and Intel Collage.
- Compact and Versatile Design** – Sleek form factor ideal for workstations, control centers, and immersive gaming environments.

ADDITIONAL FEATURES

CEC Function	: No
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: No
IR Control	: No
Downmix Function	: No
Downscale Function	: No
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: No

AUDIO SUPPORT:

HDMI Audio Formats:	: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos,DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X ,DSD
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POWER:

Power Consumption	: 2.2W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 12V/1A

SPECIFICATIONS

CONNECTIVITY:

INPUT:	1 × DisplayPort [Type A, 20-pin female]
OUTPUT:	2 × DisplayPort [Type A, 20-pin female]

COMPLIANCES:

DisplayPort Compliance	: DP 1.4
MST Compliance	: MST 1.2

SUPPORTED DP CABLES:

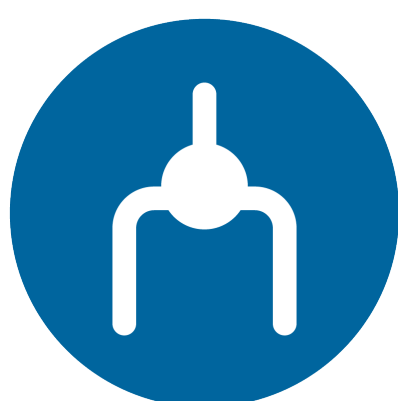
DP 1.4	: We recommend using high quality DP 1.4 cables under 25 feet for optimum performance
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EXTENDING DISTANCE:

8K@30Hz	: 10 Feet
4K@60Hz:	: 25 Feet

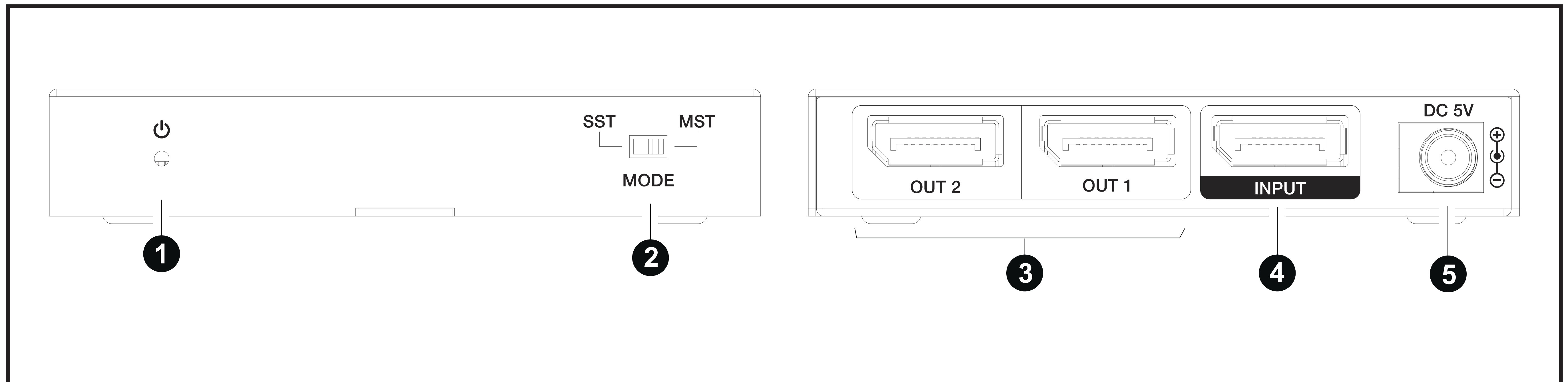
VIDEO OUTPUT:

Video Bandwidth	: 32.4 Gbps
Video Resolutions	: 8K@30Hz, 4K@60Hz

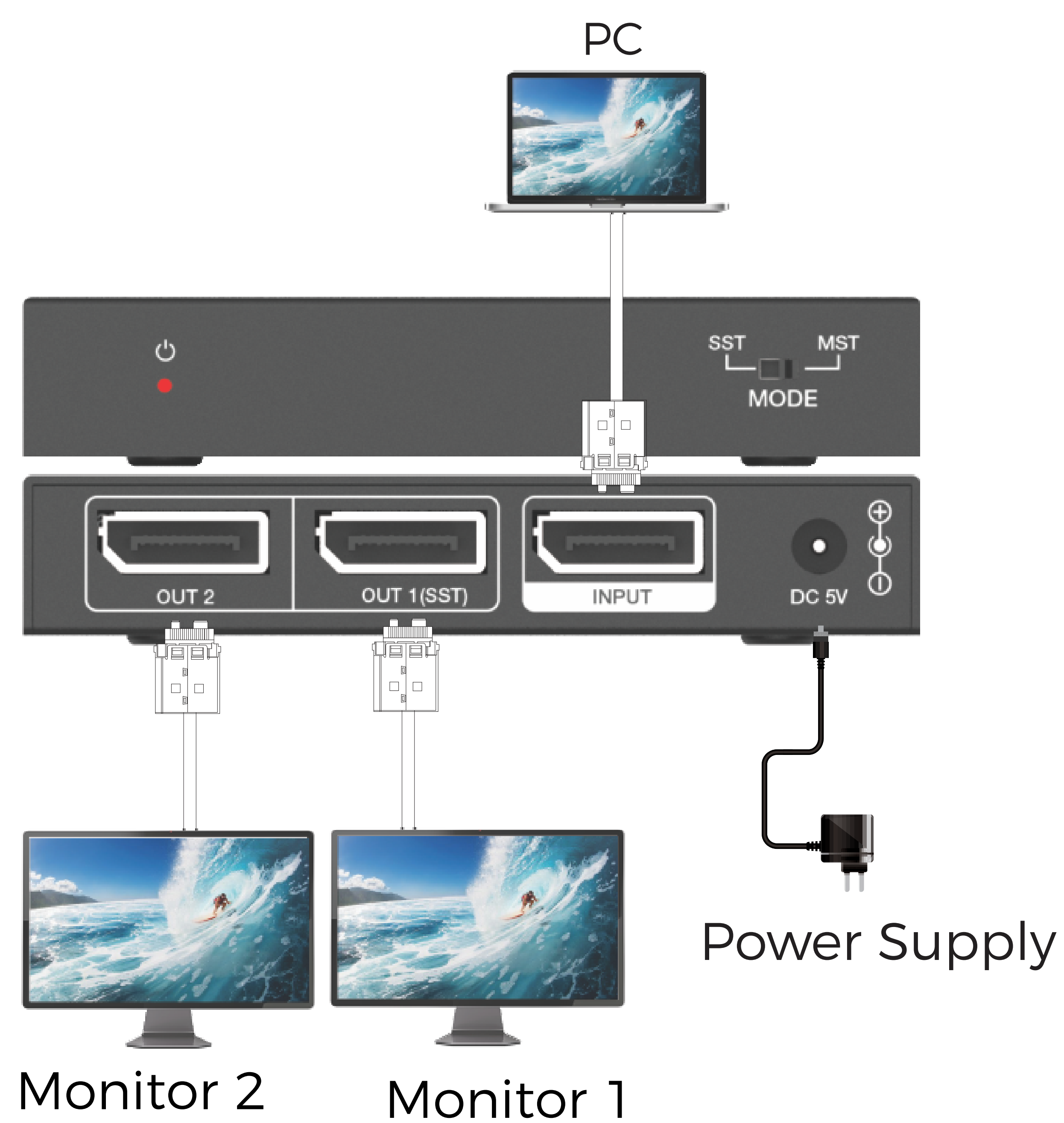




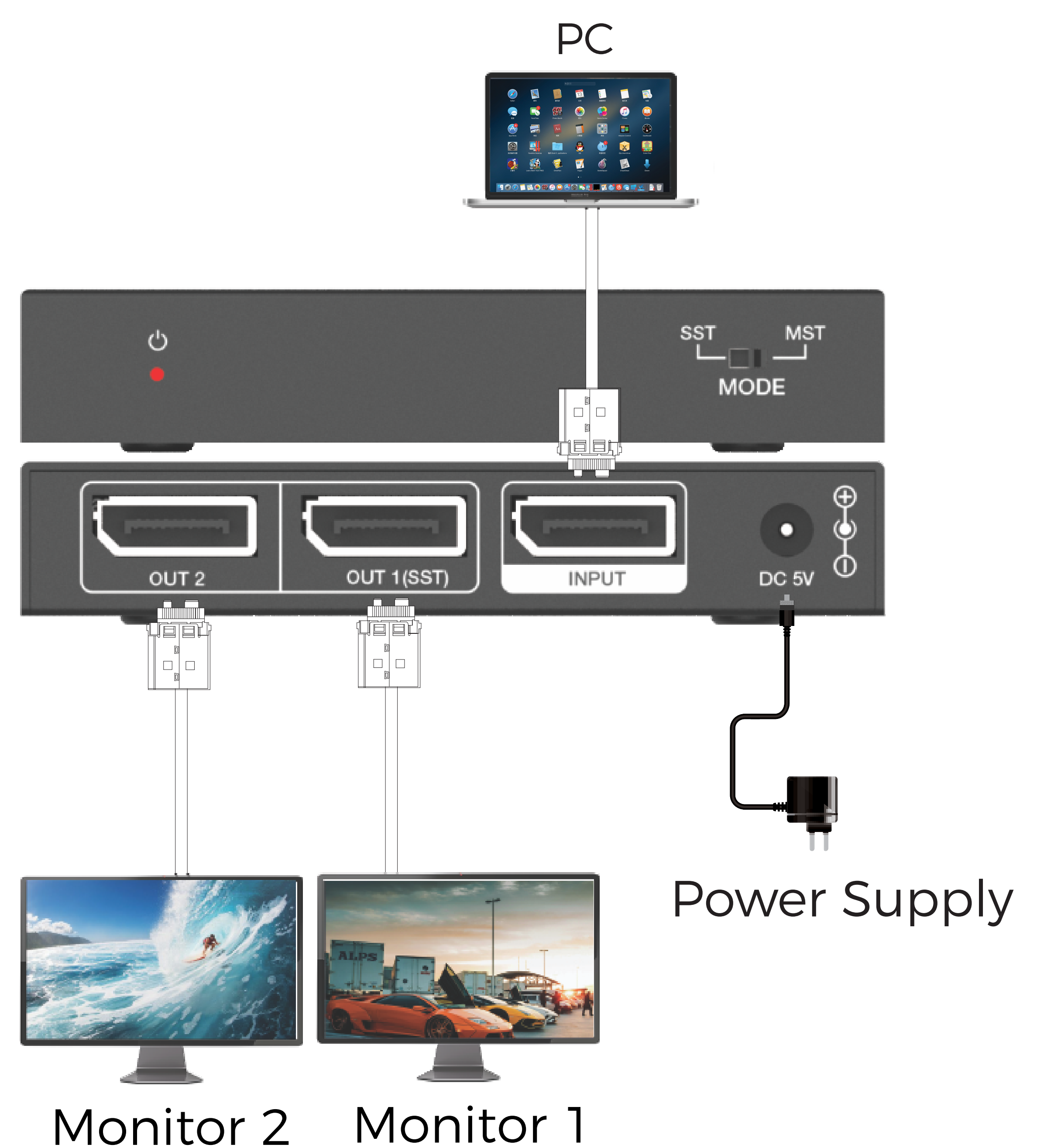
CONNECTION DIAGRAM



1. SST Mode



2. MST Mode



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY