

Specification

Environmental Characteristics	Operating	Non-operating
Temperature	+15 to +30 °C	-10 to +50 °C
Humidity (non-condensing)	10 to 90%	5 to 95%
Altitude	<2000 m	<10000 m

Product	Electrical Rating	Weight (kg)	Dimensions (H × W × D)
Showmaster Go	19 VDC = 4.7 A (Max)	1.4	44 mm × 145 mm × 152 mm
Showmaster Go Power Supply Unit	100-240 VAC ~ 3-1.5 A, 60-50 Hz	—	13 mm × 126 mm × 49 mm

End of Service Life



Dispose of the equipment and any components in accordance with all local and national safety and environmental requirements.

Regulatory Compliance Statements

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this user guide, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

European Union

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Showmaster Go

Hardware User Guide

medialon 
by 7thSense

Customer Support: <https://portal.7thsense.one>

Support

If your Medialon Showmaster Go was purchased through one of our regional distributors, please contact your supplier directly for support.

Visit our customer support portal where you can find a wide range of support documentation, together with contact information.

Warranty

Standard warranty is 24 months, return-to-supplier. Please contact your supplier if you require an extended warranty.

Please ask for instructions and request authorisation before returning a unit to your supplier.

Operating Instructions

Operating instructions for your Showmaster Go can be found in the Medialon section of the 7thSense customer support portal.

Handling and Installation

Unpacking

Unpack your Showmaster Go carefully onto a clean surface and examine it for any signs of transit damage. Contact your supplier immediately if anything appears to be damaged, or any parts missing. Please retain all packaging in case of future need to return a Showmaster Go unit.

Rack mounting

A rack mounting frame and blanking plates can be supplied for mounting up to 3 Showmaster Go units as a 1U height rack unit.

Full details for safely mounting Showmaster Go are given in document M555: 'Mounting the Medialon Showmaster Go' available from the 7thSense customer support portal.

Dual NIC ports



On the rear right-hand side, the RJ45 port labelled 'NIC 1' is factory-set to a static IP and 'NIC 2' to DHCP. A label with this initial static IP address is provided on each unit.

Connecting External Equipment

To ensure best performance from the Showmaster Go, and compliance with relevant EMC regulations, this equipment should only be used with high-quality shielded data and signal cables.

Only equipment and accessories approved to IEC 60950-1 and SELV circuits may be connected to the unit. All equipment and accessories shall comply to the relevant standard for the unit's port to which it is connected.

Connecting the GPIO

Showmaster Go units have opto-isolated GPIO connectors. These operate between 3.0 and 5.0 VDC, 35 and 100 mA. Take care not to exceed these values.

Environment

General

Showmaster Go is intended for use in a commercial (not domestic) environment and should be operated in a clean, dust free area (e.g. a server room).

The unit is intended for operation in benign environments; that is, not subject to corrosive or explosive atmospheres, moisture or flammable gases. The unit is non-protected against ingress of liquid (IPx0). The unit is not designed to be subject to excessive mechanical shock or vibration. For environments with some movement and vibration, an anti-shock frame mount is available for single units.



Only used at altitude not exceeding 2000 m



Only used in not-tropical climate regions

Thermal

Do not block any of the unit's air vents and ensure the ambient temperature around the unit is compatible with the environmental characteristics stated on the back page of this manual.

Particularly when mounted in a rack cabinet with front or rear doors the ambient temperature around the unit may be higher than the ambient room temperature.



Showmaster Go can be mounted vertically using the optional VESA mounting plate, but care must be taken that hot air from the rear panel is not drawn back in at the front. Do not mount with the front panel uppermost.

Electrical

Before connecting mains power to the unit's power supply unit (PSU), ensure the electricity supply is compatible with the electrical ratings shown here and on the power supply product label.



The power supply unit is connected to, and disconnected from, the mains supply with an IEC 60320 power connector.

The low voltage output is connected to the labelled rear socket of the unit, where the lead can be secured to the chassis with the clip provided.

Only use the 19 VDC power supply unit that is supplied by Medialon with the unit. Failure to do so may damage the Showmaster Go and invalidate any warranty.

Maintenance

Air Filter

A user-serviceable air filter is located on the unit's front panel. It is important to remove and clean or replace the filter periodically to avoid overheating.

Showmaster Go units are supplied with one spare filter pad, others can be provided by your supplier. Showmaster Go should not be run without filters, since accumulations of dust inside the unit can affect performance.

Cleaning

External casing and the front panel should be carefully wiped with a soft cloth and antistatic solution.

Showmaster Go internal maintenance

Showmaster Go contains no user-serviceable parts. For CMOS battery replacement please contact your supplier for further instructions.



Warning: Do not operate the unit with any covers removed as the air flow through the unit may be compromised leading to overheating.

Any alterations to the product's specification, including additional/alternative components, BIOS changes, overclocking, etc., may invalidate the warranty or impact the unit's performance. Additionally, such changes or modifications could cause equipment no longer to comply with the relevant EMC regulations, and void the user's authority to operate the equipment. If in doubt, please contact your supplier.

Electrostatic discharge (ESD)

When handling electronic assemblies, take precautions to avoid electrostatic discharge (ESD) causing damage. Precautions should include the wearing of an ESD protective wrist strap and using antistatic bags for electronic assemblies when not installed inside a unit.