

MDG D-VERTER

Pneumatic fog input /output changer

Installation

The **MDG D-VERTER** comes ready to use.

Hook up the D-VERTER to any source of compressed gas.

Using the D-VERTER™ in conjunction with any MDG product, the pneumatic power can be supplied by an existing CO₂ or N₂ source.

However, compressed air (filtered, dry and oil less) may also be used

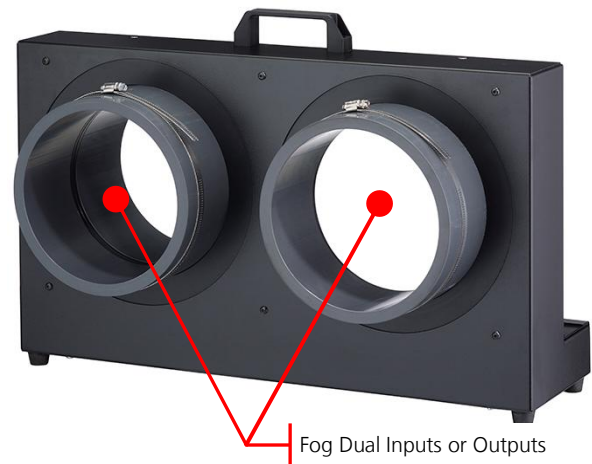
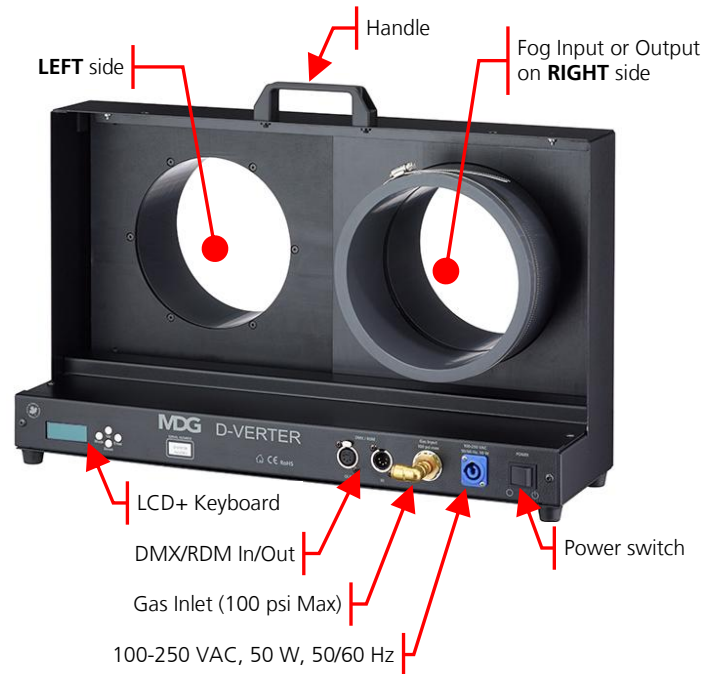
Set the pressure between 60 (414 kPa) to 100 psi (689 kPa) max.

Connect the data wiring control (DMX)

Plug the AC inlet (100-250 VAC, 50-60 Hz, 50 W)

Switch On the MDG D-VERTER

The **MDG D-VERTER** is now ready to be used.



The **MDG D-VERTER** can be used in two modes:

- Dual output: Control panel must be set facing towards the fog generator
- Dual input: Control panel must be set facing away from the fog generator

DMX Control

The **MDG D-VERTER** DMX interface uses one (1) channel, but has two personalities:

- Personality NORMAL
 - DMX < 128 0 - 50% the fog input (or output) is aligned to a fog output (or input) on **RIGHT** side
 - DMX value ≥ 128 50 - 100% the fog input (or output) switches to the **LEFT** side fog output (or input).
- Personality REVERSE
 - DMX < 128 0 - 50% the fog input (or output) is aligned to a fog output (or input) on **LEFT** side
 - DMX value ≥ 128 50 - 100% the fog input (or output) switches to the **RIGHT** side fog output (or input).

Technical Specifications

Mechanical:	8" Ø nominal exhaust (20.3cm Ø) / 8.6" OD (21.9 cm) exhaust Minimum 17 inch (43.2 cm) operation insertion
Operating voltage:	100-250 VAC, 50/60 Hz, single phase, 50 Watts UL/CSA /CE 18 AWG cord Ground / Earth connection REQUIRED
Interface:	Manual (4 buttons keyboard + LCD) 1 standard DMX channel, XLR-5 Connector, DMX512-A and RDM ANSI E1.20 protocols Output to link other DMX devices
Gas:	3/8 inch pneumatic tubing, Elbow (90°) connector Clean compressed Air (filtered, dry and oil less) or Inert Gas (CO ₂ , N ₂ industrial grade) 60 psi (414 kPa) to 100 psi (689 kPa) max
Operating conditions:	0 °C to 50 °C (32 °F to 122 °F) 90 % relative humidity @ 50 °C (122 °F), non-condensing
Storage conditions:	-40 °C (-40 °F) to 60 °C (140 °F) 80% relative humidity @ 60 °C (140 °F)
Approval	CE, CSA and UL pending
Weight:	35 lbs (16.9 kg)
Dimensions	12" (L) x 24.7" (W) x 16.5" (H) 30.5 cm (L) x 62.7 cm (W) x 42 cm (H)

