LOUROE ELECTRONICS®
6955 VALJEAN AVE, VAN NUYS, CA 91406
PH: (818)994-6498 / FAX: (818)994-6458
techsupport@louroe.com / www.louroe.com

MS-D1, Part No. LE-831

Digital Controlled (Analog Audio) MUTE SWITCH

INSTALLATION AND OPERATING INSTRUCTIONS

DIGIFACT® TECHNOLOGY

MODEL MS-D1

The MS-D1 works with all DIGIFACT® Hardware

DESCRIPTION

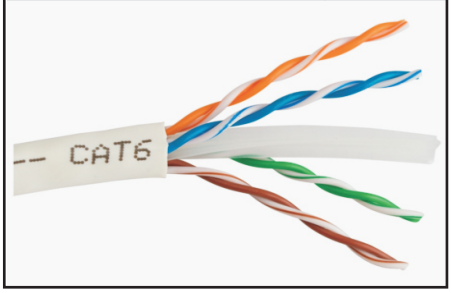
The MS-D1 Mute Switch is an accessory for all Louroe Digifact Audio Monitoring/Audio Surveillance Systems when microphone muting is required remotely from any Digifact hardware with a microphone. The MS-D1 contains a built-in rocker switch with a Green L.E.D. mounted to a single gang stainless steel face plate. It is easy to setup in any environment using 2 pairs of Cat5e or Cat6 cabling. The MS-D1 is used to mute or disable the audio feed to any Digifact E hardware. It disables the audio stream from processing audio in the Digifact hardware, which prevents the operator from listening in to the microphone. The MS-D1 fits into a single gang back box (not included) for mounting, on a flat surface or in a wall.

OPERATION

Login to the Louroe's **Digifact Software Portal** interface for the Digifact hardware you want to add Audio Muting too. Select the following settings from the (**Output Settings Tab), 1.) Select** Trigger Source and set it to (**Input 1**), **2.) Select** Output Port, set it to (**Digital Mute**). When finished, disconnect the RJ45 cable to your Digifact Hardware, set the MS-D1 switch to the OFF position. Follow the wiring Diagram 1A. on page 2 for all wiring connectivity between the MS-D1 digital controlled mute switch and your Digifact hardware. **Testing: 1.)** Reconnect the RJ45 cable and wait for the Digifact hardware to power-up, now set the MS-D1 to the on position, the Green L.E.D. should turn on indicating the Digifact hardware audio stream is muted.

WIRING REQUIREMENTS

Requires Cat5e or Cat6 Cabling, (Not Included). See wiring CONNECTIVITY on Page 2.



SPECIFICATIONS OF MS-D1 MUTE SWITCH

Switch Contact	5A @125Vac
Digital Output Voltage	5Vdc
UTP, Cat5e, Cat6 Distance	Up to100 ft.
Dimensions	2 ¾" W x 4 ½" H
Faceplate Material	303 Stainless Steel
Backbox	Single gang electrical box (not included)
Weight	2.5 oz
Shipping Weight	1 lb

Package Includes:

1 x Single Gang Stainless Steel Wall Plate with a On/Off Rocker Switch and Green L.E.D..
2 X Stainless Steel Screws
2 X Audio Monitoring On These Premises Stickers

Please Note!
All specifications are subject to change without notice.

When the TOP part of the switch is pressed IN, the switch will illuminate **RED** indicating the microphone is live and active.

MODEL MS-D1

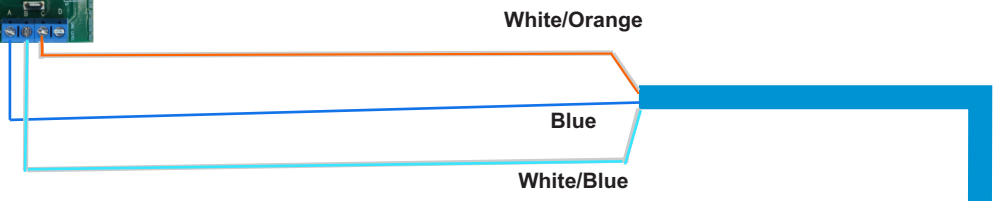
When the LOWER part of switch is pressed IN, the Green L.E.D. turns off, indicating power to the microphone is **OFF** and the microphone is disabled.

Connectivity

1.) Disconnect the RJ45 cable from the Digifact hardware. **2.)** Wire the Terminal block TB-1 and TB-2 as shown below in Diagram 1A.. **3.)** Wire the 10 position Digital I/O, Power Terminal Block as shown below in Diagram 1A..

When the Red L.E.D. is ON, it means the Microphone is live

Please Note! This diagram uses Cat5e, Cat6 wiring using the Orange Pair and Blue Pair Wiring.



Wiring Connectivity Diagram 1A.

Up to 100ft. Cat5e, Cat6 Cabling, (Not Included)

10 Position Digital I/O, Power Terminal Block available on all Digifact hardware

Cat5e/Cat6 Wiring Connections	Digital I/O Pinouts	Terminals 1-10
Blue Wire connects here	5VDC, Max load 100ma	1
	Digital Output (1)	2
N/A	Digital Output (2)	3
N/A	Digital Output (3)	4
N/A	Digital Output (4)	5
White/Blue Wire connects here	Digital Input (1)	6
N/A	Digital Input (2)	7
White/Orange Wire connects here	Ground	8
N/A	External Power 5Vdc+	9
N/A	External Power Ground-	10

Waterproof IP67 Gland

Groumet

Please Note!
This cable needs to pass thru either the digital I/O port Gland or Groumet depending on the Digifact hardware used.

IMPORTANT NOTICE
When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES.Two decal notice stickers are included with each MS-D1, LE-831 units when shipped.

MADE IN USA

WARRANTY

LOUROE ELECTRONICS® warrants that at the time of shipment products manufactured by LOUROE ELECTRONICS® to be free of defects in material and workmanship. Should a defect appear within two year (24 months) from date of shipment, LOUROE ELECTRONICS will, at its sole discretion, repair or replace the defective equipment. This equipment shall not be accepted for repair or return without prior notification by LOUROE ELECTRONICS®.

This warranty does not extend to any Louroe product that has been subjected to improper or incorrect installation, misuse, accident, or in violation of installation instructions provided by LOUROE ELECTRONICS®.

Returned shipments to LOUROE ELECTRONICS® shall be at customer's expense. LOUROE ELECTRONICS® will return the equipment prepaid via best way.