Instructions for operating and installing the
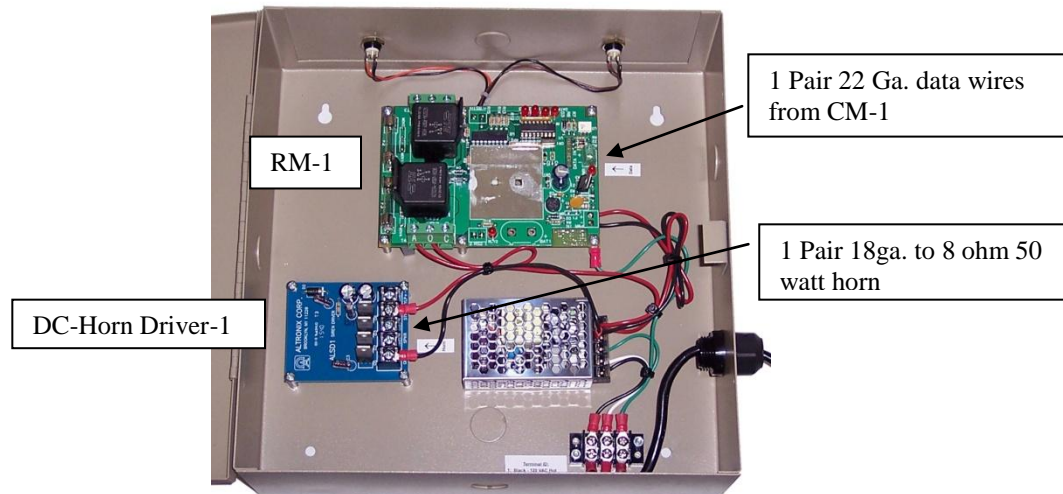# DC-RM-HD-1

Description:

➢ **The DC-RM-HD-1 is a made in the USA, EZ-Time computer controlled relay horn or Speaker driver with an additional relay for other controlled devices.**
➢ Customer to supply:
  o Power:
    ▪ (1) 120VAC, 50/60 hertz isolated and grounded 15 amp outlet
  o Cabling:
    ▪ (1) Pair twisted unshielded 22Ga.data cable from CM-1 to DC-RM-HD-1 (not to exceed 1000Ft.)
    ▪ (1) Pair 18Ga. Audio cable from DC-RM-HD-1 to DC-Horn-8

➢ Internal power supply: 12V 1.1 Amp CUS, RU ,CE listed switching power supply
➢ Mounting: Wall mountable.
➢ Enclosure: Steel with lockable hinged lid, 11.25 Inches wide x 11.25 Inches tall x 3.5 Inches deep.
➢ Weight: 10 lbs
➢ Finish: Tan textured (finger print resistant) powder coat
➢ Computer output and system data rate: 9600 baud, 8 N 1
➢ Controls: Data Input from an EZ-Time computer system and a CM-1
    ▪ (2) Manual sealed momentary pushbutton controls mounted on the top of the enclosure
➢ Connections:
    ▪ Input: From CM-1 (1pair, 22 ga. wiring) terminal block.
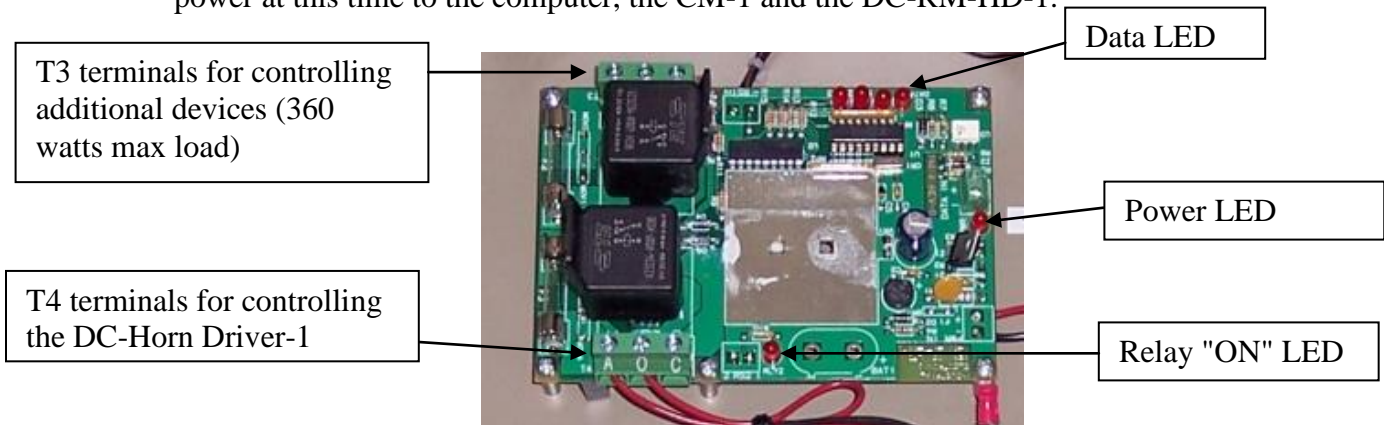   ▪ Output: To DC-Horn-8 (1 Pair, 18 Ga. audio wiring) terminal block.

Installation:

Connections: Make the following connections before applying power.

- o 1 Pair 22 ga. wires from the CM-1's Data + and -
- o 1 Pair 18 ga, wires from the DC-Horn Driver to 8 ohm horn or speaker

RM-1

DC-Horn Driver-1

1 Pair 22 Ga. data wires from CM-1

1 Pair 18ga. to 8 ohm 50 watt horn

Note: Do not exceed 1000 feet of 22ga Data wire between the CM-1and the DC-RM-HD-1.

Operation: If all of the cabling has been checked and connected properly then apply power at this time to the computer, the CM-1 and the DC-RM-HD-1.
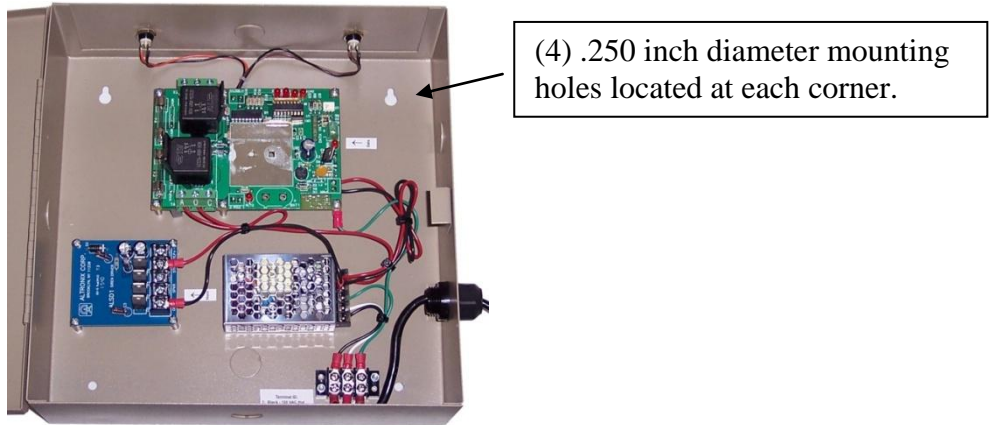

T3 terminals for controlling additional devices (360 watts max load)

T4 terminals for controlling the DC-Horn Driver-1

Data LED

Power LED

Relay "ON" LED

- ➤ Please see the EZ-Time Software manual for programming bells into the EZ-Time computer system.
- ➤ Please see the CM-1 manual for further information.
- ➤ Please see the RM-1 manual (installed into the DC-RM-HD-1) for further information.
- ➤ Please see the DC-Horn Driver-1 manual (horn driver that is installed into the DC-RM-HD-1) for further information.
- ➤ Please see the DC-Horn-8 manual for further information.

![DC-Digital logo]

Mounting DC-RM-HD-1:

Mount the DC-RM-HD-1 in a dry, clean, and cool area. Utilize the (4) .250 predrilled holes near the corners of the enclosure for mounting. Use anchors and screws that will sustain the weight accordingly.

(4) .250 inch diameter mounting holes located at each corner.

For further questions please contact Industrial Electronic Service D.B.A. DC-Digital @ 937-746-9750 or visit us @ www.dc-digital.com.