## ELECTRONIC DOOR RELEASE MODEL DRW/DRM/VDR

M&S Systems supplies the "Electronic Door Release" as an accessory to the MC103D. The door release models DRW and DRM cannot be used with any other systems of our manufacture. Installation of the Model DRW electric door opener is easily performed by running cable to the various speakers <u>inside the house</u> to those locations where it is desirable to control the release of the electric door opener.

## NOTE: The VDR is for the JHV400 only

## NOTICE

The most critical part of the installation is performed by the carpenter when you are not on the job sight for consultation. The 2-conductor cable (Red/Blue) that connects to the electric "door release assembly" is also secured to the wall stud of the entry door for mechanical completion by the carpenter into the door jam of the door casing. It is imperative that the data on the reverse side of this sheet be furnished to the carpenter. The homebuilder should be notified that a wide variety of latch bolts are available for the door suitable for use with the electric door opener. Some types of latch bolt assemblies cannot be used, so advise the builder before an error is made. Failure to complete the door opener with a proper type latch bolt will make the installation inoperable.

## MODEL DRW INSTALLATION

In addition to the instruction furnished for the installation of the intercom system, the following wiring operations must be performed:

- From the master unit, run a 2-conductor VM126X (White/Red) cable to each of the room speakers selected for "door opener" release buttons. The door release is activated by pressing down on the speaker volume control. The 2-conductor VM126X (White/Red) cable is in addition to the 4-conductor (Red/White/Green/Black) MS4X cable of the intercom system.
  - A. The 2-conductor (White/Red) cable VM126X can be looped from one or more room speakers to reduce the number of cables connected at the master unit.
- 2) From the master unit, run a 2-conductor (Red/Blue) MS2DX cable to the wall stud at the entry door selected for the electric door opener. Make sure you run the cable to the stud opposite the side on which the door will be hinged. Secure the cable MS2DX (Red/Blue) and stick the "Mr Carpenter" label to the stud. The label will alert the carpenter to your need for proper placement of the electric door opener assembly.
- 3) Make proper connection of the (White/Red) and (Red/Blue) cables to the terminal screws of the Model MC103D intercom equipped with the door release function. Those terminals are located on the audio terminal board on the side of the master unit and are identified as follows:

Remote Release ...... (Red/White)
Remote Release ...... (Red/Blue)

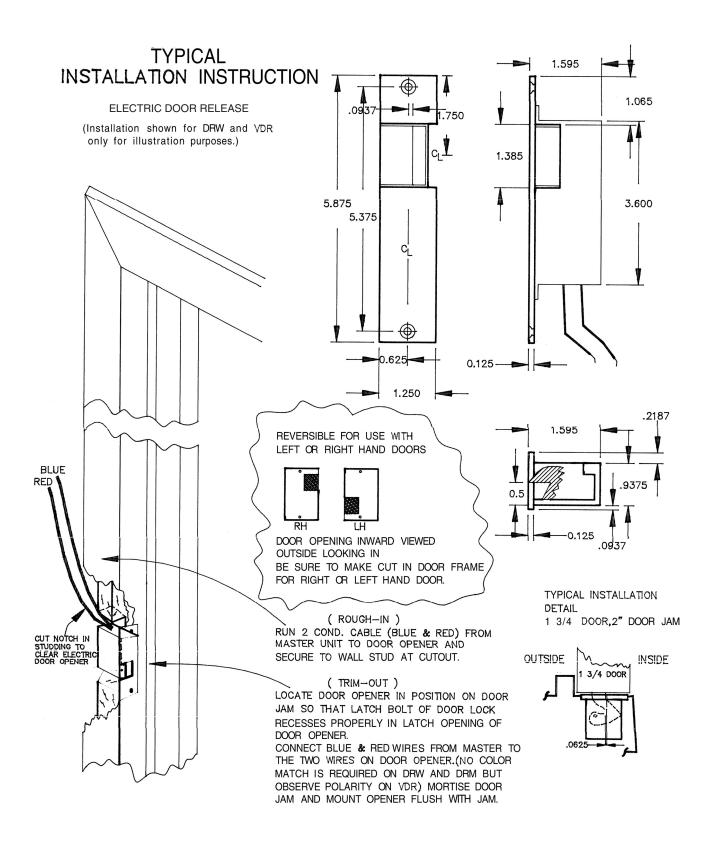
"MR CARPENTER"

PLEASE DRILL DOOR JAMB AND PULL

WIRE THROUGH A HOLE OPPOSITE

DOOR LATCH BOLT FOR:

ELECTRIC DOOR OPENER



\* WHEN INSTALLING ON DOORS EQUIPPED WITH METAL JAMS USE DOOR OPENER MODEL "DRM" AVAILIABLE FROM OUR FACTORY. MODEL VDR FOR USE WITH JHV400 MODEL VIDEO DOOR MONITOR, SEE CONNECTIONS OUTLINED IN JHV400 MANUAL.

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