

## UM506 Universal Module Installation and Instructions

1. Use a small screwdriver to set the red Housecode dial to the same letter as your Telephone Responder.
2. Set the black Unit Code dial to a number between 1 and 10. Select a different unit code for each of your test channels.
3. Set the Momentary/Continuous slide switch to the right for continuous operation.
4. Set the other slide switch to Relay Only.
5. Use low voltage wire (telephone wire works well) to connect the UM506 to the 3 position connector provided with the TVMS 4200. To enable/disable the 4200's IF gate, connect the wires to the GND and GATE pins. If you want to use the 4200 with the UM506 to turn the carrier off and on (for out of service tests), connect the wires to the GND and SWITCH pins instead.
6. Plug the UM506 into a standard 120V AC wall outlet.
7. Press the UM506's ON and OFF buttons to verify proper operation. When the UM506 is ON, the 4200's IF gate will operate.

**Note:** Control signals for UM506 modules are sent through the 120V AC wiring system. In some cases, the signals may not reach the UM506 due to the Telephone Responder and UM506 being on different circuits. In that case, extension cords may be required to ensure that all UM506's and the Telephone Responder work properly. To avoid using extension cords, plug all the UM506's and the Telephone Responder into one circuit (a long power strip works well), then run low voltage control wires to the 4200's.

When using the UM506 with the Telephone Responder, press 1 \* on the telephone keypad to enable the IF gate of the 4200 connected UM506 set to unit code 1. Press 1 # to disable the IF gate. Press 2 \* to enable the second IF gate, 2 # to disable it, etc. If you have a UM506 set to unit code 10, use 0 \* and 0 # to control it.