



**Model 59020 In-Wall Digital Timer**  
**Modèles 59020 de minuterie numérique murale**  
**Temporizador digital de pared, modelos 59020**

**WARNING: INSTALLATION SHOULD BE MADE BY A LICENSED ELECTRICIAN**

WARNING: TO AVOID FIRE, SHOCK, OR DEATH, TURN OFF POWER AT CIRCUIT BREAKER AND TEST THAT POWER IS OFF BEFORE WIRING.

Note: This timer is not compatible for 3-way switches. Ground wire must be connected for unit to operate. Allow 2 minutes for timer to warm up after connection.

**Installation:**

1. Turn power OFF at the circuit breaker or remove the fuse.
2. Remove existing wall plate and switch, if applicable. Please note two black wires connected to switch.
3. Strip 3/8" insulation from each wire, which is required for installation.
4. Connect the green wire from the junction box to the green wire from the timer.
5. Connect the black wire from the timer to the HOT wire (previously connected to the switch) and connect the red wire from the timer to the second wire (previously connected to the switch). Note: If not sure which wire is HOT, connect black wire from timer to one of the black wires, previously connected, & the red wire from timer to the second black wires (previously connected to the switch). Secure connections with wire connectors.
6. Carefully shift all wires to provide room for timer in the junction box.
7. Secure timer to box with screws included, and install cover plate.
8. Reconnect your electrical power.

Note: If the timer is not functional, interchange two black wires previously connected to switch (see #5 above). **IMPORTANT:** Be sure to again turn OFF the power before wiring.

**Power-up Sequence:** Open the timer door. Slide the switch to ON. Press the R button using a tooth pick or pen tip. The display will go blank and restore after 30 second, showing 12:00 AM.

**To Set the Current Time:** Press the PROG button. Then press the DAY, HOUR and MINUTE button as many times as necessary to advance the display to the correct day and time. Press the MAN button to preserve the clock setting.

**To Program the Timer:**

1. Press the PROG button twice to display the first ON/OFF setting "1 ON --:--".
  2. Press the MINUTE and HOUR buttons as necessary to set the ON time you want. To change from AM to PM toggle 12 times.
  3. Press the DAY button as necessary to choose the day or group of days you want for the time setting.
  4. Press the PROG button again to display the second ON/OFF setting "1 OFF --:--"
  5. Repeat the procedure to create the OFF setting.
- Repeat Steps 1 thru 5 for additional ON/OFF settings.

Note: If at any time during the clock or program setting is inactive for 5 seconds the timer will return to the default display

**Daylight Saving Time Setting "DST"**

Press and hold the HOUR button for 5 seconds, entering into the Daylight Saving Time (DST) mode and time on clock will advance one hour; Press and hold for another 5 seconds to cancel the DST function and time on clock will fall back one hour.

**Random Setting "RND"**

Press and hold the MIN button for 5 seconds, entering into the random mode of the programmed settings. Press and hold the MIN button for another 5 seconds to cancel the function. Vacation option for extra security by varying the ON/OFF times within 30 minutes

**To Delete/Recall Setting "RCL"**

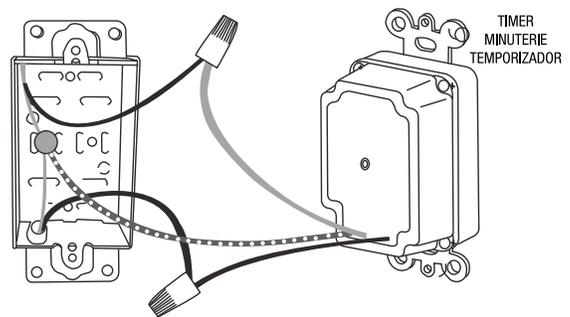
It allows you to disable or enable the programmed ON/OFF settings.

- a. Scroll to the setting you wish to delete, then press the RCL button once and the display will replace the setting with dashes, removing the program.
- b. Press the RCL button again and the display will show the previous programmed setting.

**Initial Startup:** When you initially program the unit, it may be necessary to press the MAN button as the unit will not look back to determine if it should be ON. For example, if the current time is 2:00 PM and you just programmed the unit to turn ON at 1:00 PM, you will need to press the MAN button to turn it ON. Thereafter, the unit will resume normal operation (automatic).

**Manual Override:** Pressing the MAN button or timer door will override the timer settings

**Operating the Timer:** Press the MAN button repeatedly to set the timer to Automatic or Manual mode. Note: For the timer to run programmed events, it must be set to AUTO mode.



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| BLACK (HOT WIRE)<br>NOIR (FIL SOUS TENSION)<br>NEGRO (CABLE DE CORRIENTE) | RED (LOAD)<br>ROUGE (CHARGE)<br>ROJO (CARGA) | GREEN (GROUND)<br>VERT (TERRE)<br>VERDE (TIERRA) |
|---|--|--|

- AUTO ON MODE: In AUTO ON mode the wired lights are on. The wired lights will be off until the next programming OFF time. You can push MAN button while in AUTO mode to manually override the program and turn the wired lights on or off. The programmed switching times remain.
- AUTO OFF MODE: In the AUTO OFF mode the wired lights are off. The wired lights will be on until the next programming on time. You can push MAN button while in AUTO mode to manually override the program and turn the wired lights on or off. The programmed switching times remain.
- MANUAL OFF MODE: In the MANUAL OFF mode the wired lights are off. You can push MAN button to ON mode and turn the wired lights ON.
- MANUAL ON MODE: In the MANUAL ON mode the wired lights are on. You can push MAN button to OFF mode and turn the wired lights OFF

**Memory Backup:** The timer is equipped with a rechargeable battery which will protect your programs during power failure for up to 30 days. No need to replace battery. Note that the screen blanks during a power failure.

**AVERTISSEMENT : L'INSTALLATION DEVRAIT SE FAIRE PAR UN ÉLECTRICIEN AGRÉÉ.**

AVERTISSEMENT : POUR ÉVITER LES INCENDIES, CHOCS OU LA MORT, COUPEZ LE COURANT AU DISJONCTEUR ET TESTEZ QUE LE COURANT EST COUPÉ AVANT LE CÂBLAGE.

Remarque : Cette minuterie n'est pas compatible pour les interrupteurs à 3 voies. Le fil de mise à la terre doit être connecté pour faire fonctionner l'appareil. Laissez la minuterie préchauffer pendant 2 minutes après la connexion.

**Installation :**

1. Coupez le courant au disjoncteur ou retirez le fusible
2. Retirer la plaque murale existante et l'interrupteur, le cas échéant. Veuillez noter que deux fils noirs sont raccordés à l'interrupteur.
3. Dénudez 9,5 mm (3/8 po) d'isolant de chaque fil requis pour l'installation.
4. Raccordez le fil vert du boîtier de raccordement au fil vert de la minuterie.
5. Branchez le fil noir devant la minuterie au fil SOUS TENSION (déjà branché à l'interrupteur) et branchez le fil rouge de la minuterie au second fil (déjà branché à l'interrupteur). Remarque : Si vous ne savez pas quel fil est SOUS TENSION, branchez le fil noir de la minuterie à l'un des fils noirs déjà branché et le fil rouge de la minuterie au second fil noir (déjà branché à l'interrupteur). Fixez les connexions avec des serre-fils.
6. Cachez bien tous les fils pour fournir de la place pour la minuterie dans la boîte de jonction.
7. Fixez le minuterie au boîtier avec les vis incluses, et installez le couvercle.
8. Remettez sous tension.

Remarque: Si la minuterie ne fonctionne pas, interchangez les deux fils noirs déjà branchés à l'interrupteur (voir le n° 5 plus haut). **IMPORTANT :** assurez-vous de couper à nouveau le courant avant le câblage.

**Mise sous tension :** Ouvrez la trappe de la minuterie. Glissez l'interrupteur sur la position ON (marche). Appuyez sur le bouton R (réinitialiser) avec un cure-dent ou le bout d'un stylo. L'écran deviendra blanc et sera restauré au bout de 30 secondes, en affichant 12:00 AM (12h00).

**Pour régler l'heure actuelle :** Appuyez sur le bouton PROG. Puis, appuyez sur le bouton DAY (JOUR), HOUR (HEURE) et MINUTE autant de fois que nécessaire pour faire avancer l'affichage au bon jour et à la bonne heure. Appuyez sur le bouton MAN pour conserver le réglage de l'horloge.

**Pour programmer la minuterie :**

1. Appuyez à deux reprises sur le bouton PROG pour afficher le premier réglage ON/OFF- « 1 ON --:-- ».
2. Appuyez sur les boutons MINUTE et HOUR au besoin pour régler l'heure de marche ON que vous désirez. Pour changer de AM à PM basculez 12 fois.