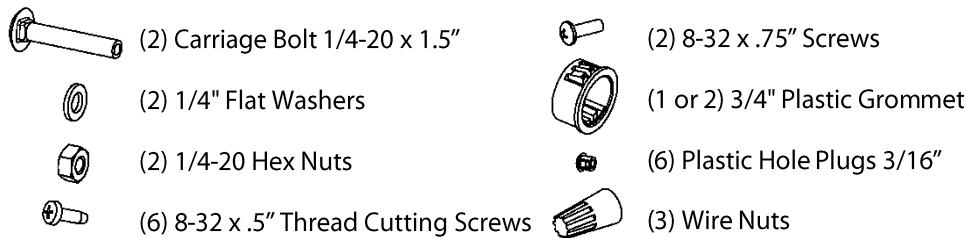


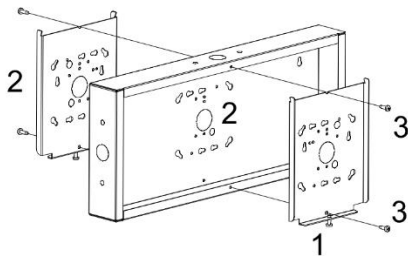
The DTC225 and DTC400 Series Digital clocks can be ordered as a Double-Face unit allowing the clocks to be mounted to a wall or ceiling. Assembly for the wall mount is described, however the unit can be assembled in a similar fashion using the knock-outs on the top of the box.

## Material/Tools Required

4" Square Deep Electrical Box. Securely mounted flush to the wall surface  
 1-Phillips Screw Driver  
 1-7/16" Nut Driver or Socket Wrench  
 1-Wire Strippers/Cutters for electrical connections

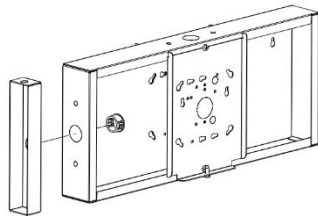


## Assembly Steps



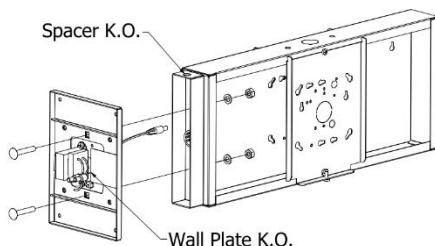
### Prepare and Mount Clock Mounting Brackets

- 1- Start threading the 8-32 x .5" thread cutting screws in the bottom tab of both clock mounting brackets. Leave approximately 1/4" of the screw head protruding.
- 2- **Remove the Knock-out in the back of the box and the Clock Mounting Plate** to provide a wiring path to the back clock.
- 3- Using the 8-32 x .5" thread cutting screws, attach a mounting bracket to each side of the corridor box with the tab with the screws in the downward direction.



### Attach Spacer

- 1- Punch out the desired holes on either the side (wall mount) or top (ceiling mount) of the box.
- 2- Use the Plastic Grommet to attach the spacer to the box as shown.

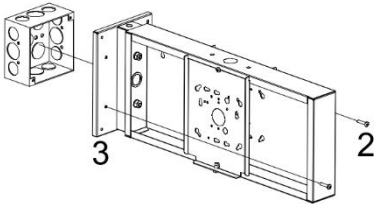


### Attach Wall Plate Assembly

*120V Hard-Wired versions will have the transformer mounted to the plate.*

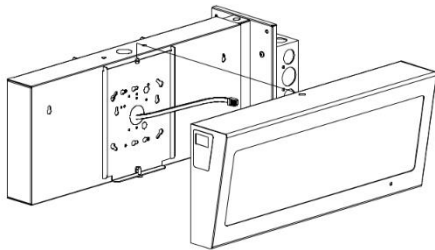
- 1A.- For 24V version, place Plastic Grommet in large K.O. in wall plate. Feed wire through grommet into clock box.
- 1B.- For Wall Transformer version, feed the wire through the K.O. in the Spacer and into clock box. Secure with strain relief. Wires may point either upward or downward.
- 2- Feed the Carriage Bolts through the wall plate, spacer, and box holes.
- 3- From inside of the box, attach the Flat Washer and 1/4" nuts.
- 4- Make sure the wall plate is aligned and tighten the nuts securely with a 7/16" socket wrench.

### Assembly Steps (Continued)



#### Attach Assembly to the Electrical Box

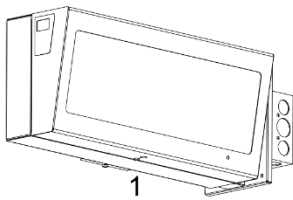
- 1- Connect wiring as appropriate.
- 2- Using 8-32 x .75" screws or screws appropriate for the electrical box, secure the assembly to the wall. For additional stability, the additional holes (DTC400 only) may be utilized with screw and wall anchors.
- 3- Insert Plastic Hole Plugs into unused wall plate holes.



#### Attach Master Clock on Back of Box

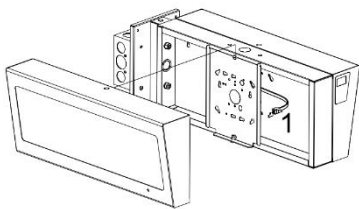
*The Master clock is the one that has the barrel power connector, serial number label, and secondary display on the left side of the clock. The secondary display should face away from the wall for access once the clock is installed.*

- 1- Plug in the power connector and RJ-14 secondary clock cable and feed through the Knock-out in the back of the box.
- 2- Hang the clock on the top prongs of the mounting bracket and hinge the clock downward over the bottom mounting screw.



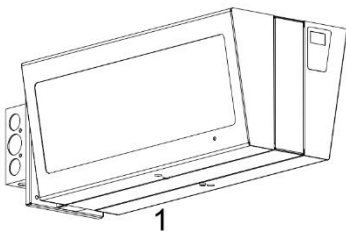
#### Secure Back Clock

- 1- Tighten the bottom screw to secure the clock.



#### Plug in Cable

- 1- Plug in RJ-14 cable to power secondary clock.



#### Secure Front Clock

*The front clock is the Secondary unit without the barrel power connector and without the serial number label.*

- 1- Hang the clock on the top prongs of the mounting bracket and hinge the clock downward over the bottom mounting screw.
- 2- Tighten the bottom screw to secure the clock.

