

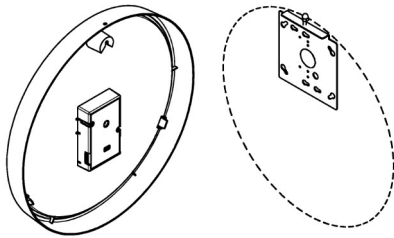
System Setup

This clock is part of a wired clock system controlled by a master clock. Refer to the Spectrum Series Installation Instructions (Bulletin C-578) for wiring and configuration instructions. If the Spectrum clocks are part of a two wire clock system with a National Time master clock, an On-Demand reset can be performed to send the clocks to the correct time right away.

To view product manuals and all related documentation, visit our website at www.natsco.net

Also, check out our installation videos on the National Time and Signal YouTube channel.

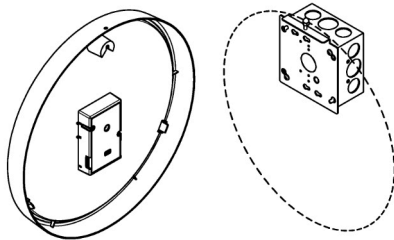
Mounting Instructions



Standard Surface Bracket Mounted to Wall

Case Styles: 12" Surface Plastic
12", 16" Low Profile Steel
10" Surface Steel

The Standard Surface Bracket is included with all *Surface* and *Low Profile Surface* clocks. Low voltage systems may not require an electrical box. Mount the bracket to the wall using wall anchors appropriate for the wall construction. Leave a minimum of 4" to the ceiling to allow installation of the acorn nut.

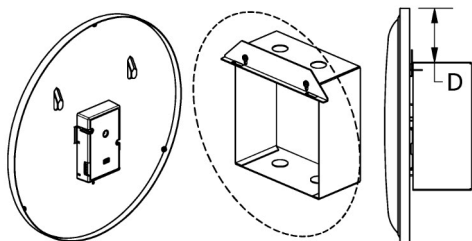


Standard Surface Bracket Mounted to Electrical Box

Case Styles: 12" Surface Plastic
12", 16" Low Profile Steel
10" Surface Steel

The Standard Surface Bracket is included with all *Surface* and *Low Profile Surface* clocks. Remove the large knockout in the center of the bracket. The Standard Surface Bracket mounts to a securely mounted handy, single gang, double gang, or 4 square electrical box. Make wiring connections inside the electrical box and route the connector through the center hole in the bracket.

The top of the clock case will be approximately 1" above the electrical box. Leave a minimum of 4" to the ceiling to allow installation of the acorn nut.

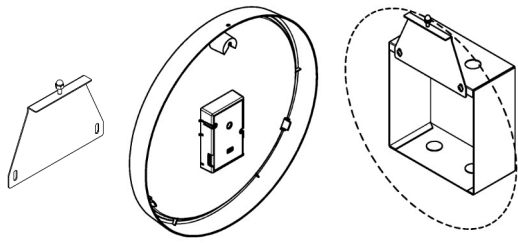


Flush Mount to National Time 143 Wall Box

Case Styles: 10", 12", 16" Flush Steel

The Flush Mount Bracket is included with all *Flush* clocks. Install the 143 Wall Box flush with the wall surface, then screw the Flush Mount Bracket to the flange along the top edge of the box. To hang the clock, slide it downwards onto the bracket; the tabs on the back of the clock pan will hook into the slots in the flange of the bracket.

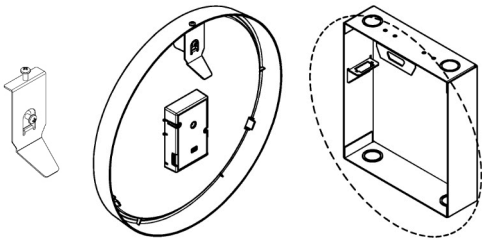
10" clock D = 2.0"; 12" clock D = 3.25"; 16" clock D = 4.75"



Flush Mount Adapter Bracket (P/N: SRP-12ADAPT-NF)

Case Styles: 12" Surface Plastic
12" Low Profile Steel

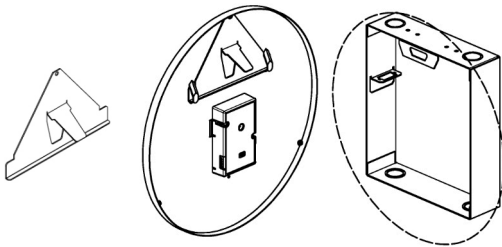
Adapter bracket allowing 12" Surface Plastic and 12" Low Profile Steel clocks to mount to an existing National Time 143 Flush Clock Box. Screw the bracket to the holes in the top flange of the 143 box, use the slotted holes to adjust the bracket so the clock is level. The top of the clock case will be approximately 3.2" above the 143 box.



Single Tab Mounting Bracket, Plastic (P/N: SRP-12ADAPT-ST)

Case Styles: 12" Surface Plastic

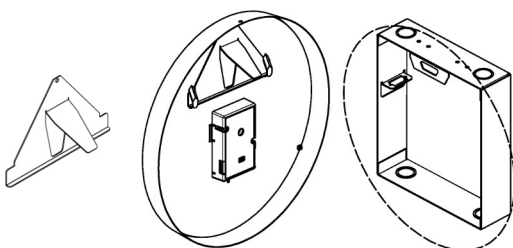
Adapter bracket allowing 12" Surface Plastic clocks to mount to existing wall boxes by other manufacturers. Remove the screw from the top flange of the bracket, then slide the bracket up into the screw mount feature on the back of the clock. Reinstall the screw into the top flange of the bracket through the hole in the top of the clock case. Lastly, tighten the screw on the back of the bracket. The top of the clock case will be approximately 1.75" above the box.



Single Tab Mounting Bracket, Flush (P/N: FR-12ADAPT-ST)

Case Styles: 12" Flush Steel

Adapter bracket allowing 12" Flush Steel clocks to mount to existing wall boxes by other manufacturers. To install the bracket on the clock, remove the nut and rubber washer at the 12 o'clock position on the back of the clock. Slide the bottom of the bracket under the metal tabs. Then tilt the top of the bracket into place so the hole at the top of the bracket goes over the stud on the clock case. Lastly, reinstall the rubber washer and nut on the back of the clock pan. The top of the clock case will be approximately 1.75" above the box.



Single Tab Mounting Bracket, Low Profile (P/N: LR-12ADAPT-ST)

Case Styles: 12" Low Profile Steel

Adapter bracket allowing 12" Low Profile Steel clocks to mount to existing wall boxes by other manufacturers. To install the bracket on the clock, remove the nut and rubber washer at the 12 o'clock position on the back of the clock. Slide the bottom of the bracket under the metal tabs. Then tilt the top of the bracket into place so the hole at the top of the bracket goes over the stud on the clock case. Lastly, reinstall the rubber washer and nut on the back of the clock pan. The top of the clock case will be approximately 1.75" above the box.