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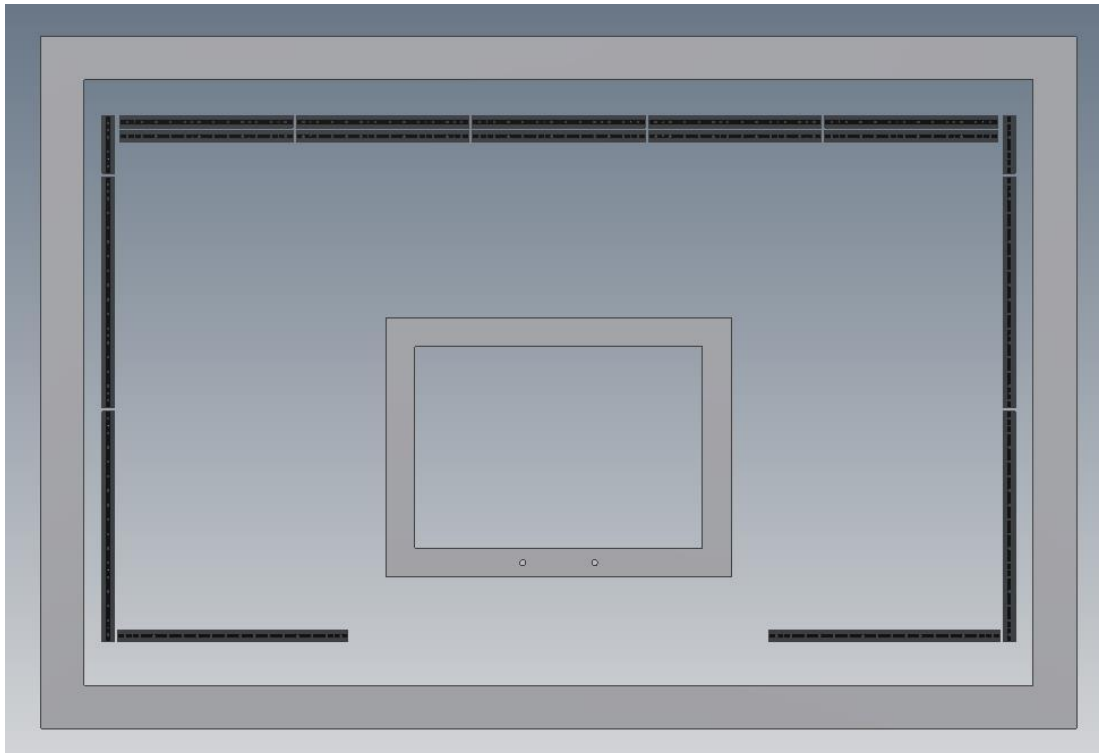
Red End of Period (EOP)
Universal Yellow Shot Clock (FIBA)
Segment Installation Manual

•Size: 12" Segments are .85"H x 12"L (.022 x .3 meters)
•Size: 16" Segments are .85"H x 16"L (.022 x .4 meters)

• 12" Segment Amperage - .09 Amps @12VDC
• 16" Segment Amperage - .12 Amps @12VDC

Retain this manual in your permanent file.

All Kits Include:

- 1 Surface Mount EOP Segment Installation Manual (This manual)
- 6 page segment installation pattern drawings
- 6 Black Adhesive Backed Pull-Tie Holders (.75" Square)
- 6 Black Pull-Ties (3.25" Long)
- 4 Alcohol Wipes
- 1 Roll of Masking Tape
- EOP Segment to controller/SSC cable sets
- Extra foam mounting tape for repositioning of segments

Parts used for different Backboard Size:

72" x 42" Backboard (Per Backboard*)

- Four 12" EOP Segments
- Six 16" EOP Segments
- One 12" Universal Segment
- Twelve Short Segment Cables (2" Long)
- Two Long Segment Cables (12" Long)

72" x 48" Backboard (Per Backboard*)

- Four 12" EOP Segments
- Six 16" EOP Segments
- Two 12" Universal Segments
- Twelve Short Segment Cables (2" Long)
- Two Long Segment Cables (12" Long)

*Please note: Not all cables and segments will be used depending upon backboard style.

Kits with Yellow LED Shot Clock Segments (FIBA Compliant) include (Per Backboard):
- Five FIBA universal Segments
- Four Short Segment Cables (2" Long)
- Two Long Segment cables (12" Long)
- Three Black Adhesive Backed Pull-Tie Holders (.75" Square)
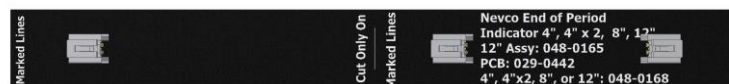- Three Black Pull-Ties (3.25" Long)
- Two Alcohol Wipes

*Please note: The Yellow LED Shot Clock Segment is mounted directly under the top row of the red EOP segments.

Standard Backboard Installation Instructions

- Determine type of backboard and locate Suggested EOP Segment Installation Print for your particular backboard. The prints detail segment size, location, and NCAA standards for EOP segment location.

- Clean glass backboard with alcohol wipes where segments will be mounted.

- Use a straight edge to mark the outline of the EOP segments on the rear of the backboard. Masking tape may be used as both a straight edge and center line marker to assist in the application of the segments.

- A universal segment is included which can be used as a full 12" segment or cut with a pair of tin snips or scissors as marked on the back of the segment. The Universal Segment can be made into an 8" segment, a 4" segment or a pair of 4" segments.
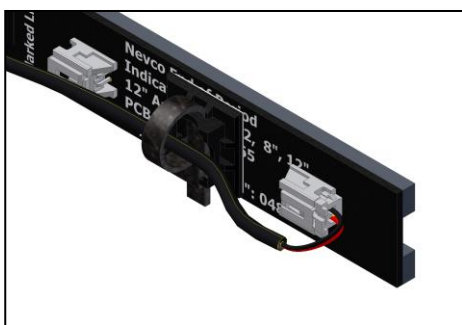
Full 12" Universal Segment

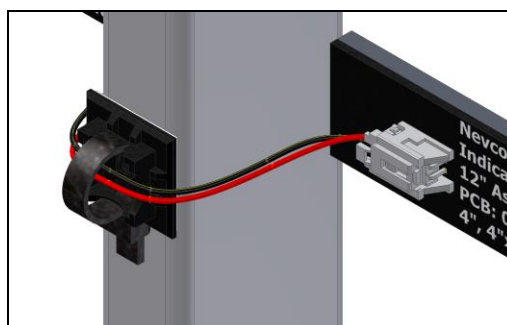**Universal Segment Cut Into One 8" Long Segment**

Universal Segment Cut Into Two 4" Long Segments (Used on 48" Tall Backboards)

- To apply segments once all of the locations and sizes have been determined, remove both strips of adhesive backing and apply segments to glass. Apply pressure over the entire length of the segment to ensure full adhesion to the glass.

- Connect segments together using enclosed wiring harnesses.
  - The shorter 2" cables are for segments that are butted against & corners.
  - The longer 12" cables are used for jumping over and around bracing structures.

- 3 pull-tie mounts and pull-ties are included per backboard:
  - One of the pull-tie mounts is to be used to secure the EOP segment power cable that connects the segments to the controller. Clean back of segment with alcohol wipe first.
  - The other two mounts are to be used if the longer 12" cables are needed to connect segments together. The mounts are used to protect and strain relieve the cables so that rear impacts and vibrations do not damage the wiring.

Controller Cable Mounted to Back of Segment

Segment to Segment Connection Over Backboard Structure

Controller Connection

- If the EOP segments are being connected to a Nevco IAD (Indoor Accessory Driver) one 25ft & one 10ft cables have been included in the kit. Connect the small black connectors of the 25ft cables to the small black connectors on the 10ft cables. Plug the small white connector into the end of an empty connector on the EOP segments. There should be an available connector* at the end of each segment on the bottom of the backboard. For IAD connection information see IAD Installation manual.

- If Red EOP and Yellow FIBA segments are both connected to a Nevco IAD (Indoor Accessory Driver) then one 25ft & two 10ft cables are used per backboard. Connect the small black connectors of the 25ft cables to the small black connectors on the 10ft cables. Plug the small white connector into the end of an empty connector on the EOP segments. There should be an available connector* at the end of each segment on the bottom of the backboard. For IAD connection information see IAD Installation manual.

- Please note: 14 Gauge 25ft, 50ft, 100ft, 150ft, and 200ft extensions are available for IAD installation configurations. Please contact Nevco for purchasing information.

Please Note:
Unused connections anywhere on the backboard can be used to connect to the controller. An uncut 16" segment, a full 12" Universal Segment or an 8" Universal segment all have spare connection points.

Unused Connector on Universal Segment

Standard Controller Connection Points