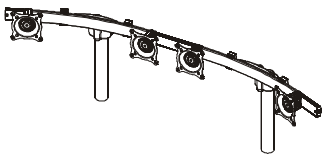
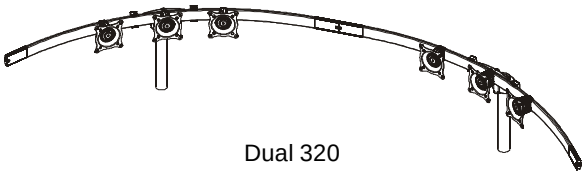
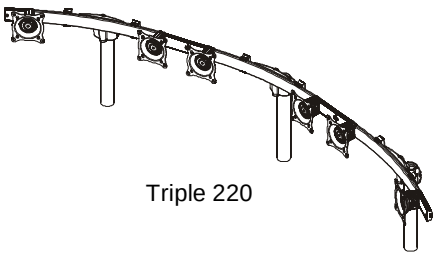
INSTALLATION INSTRUCTIONS



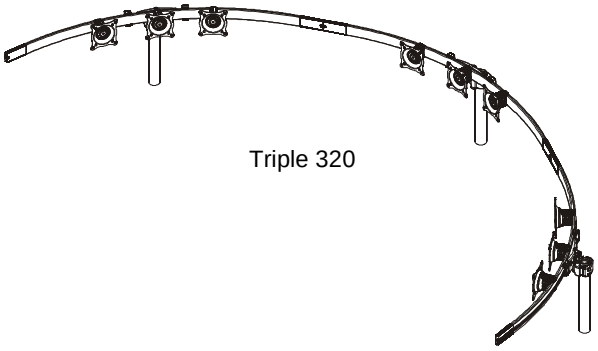
Dual 220



Dual 320



Triple 220



Triple 320

Array Connector Accessory Kit

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KTA1001

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IMPORTANT SAFETY INSTRUCTIONS

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

WARNING: Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.

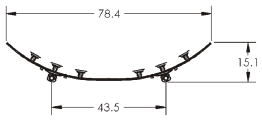
WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

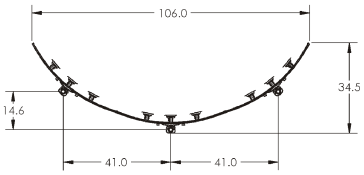
WARNING: Do not use this product outdoors.

--SAVE THESE INSTRUCTIONS--

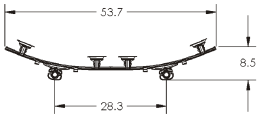
DIMENSIONS



Dual 320



Triple 320



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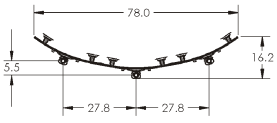
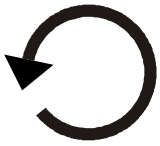
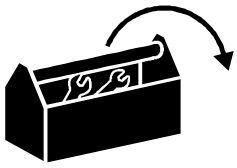


Triple 220

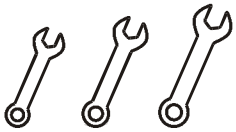
LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche
	Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main
	Optional Opcional Optional Opcional Opzionale Optie En option
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale
	Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION



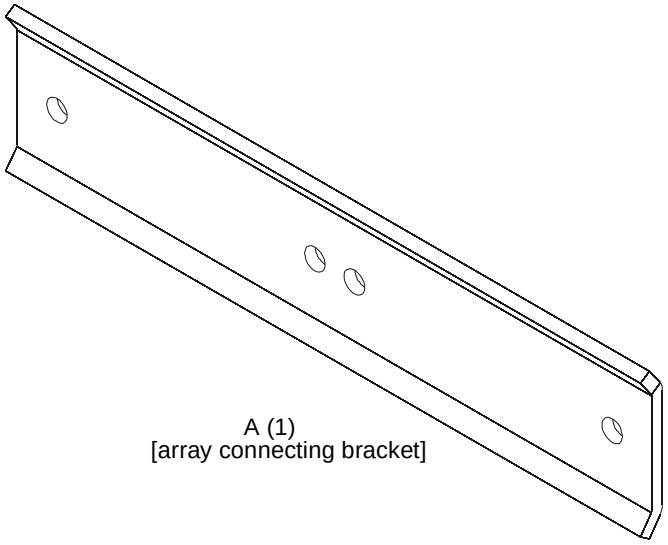
7/32" (5.5mm)



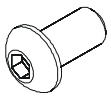
1/2" (12.7mm)

5/32"

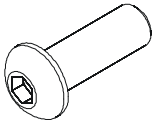
PARTS



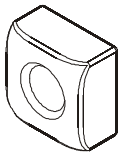
A (1)
[array connecting bracket]



B (2)
1/4-20 x 1/2"



C (2)
1/4-20 x 3/4"



D (4)
1/4-20"

INSTALLATION

Mount and Site Preparation

Mount Preparation

To prepare existing mount arrays for connection:

1. Remove end lock from array rail ends to be joined using 5/32" hex key. (See Figure 1)

NOTE: Leave square nut in array rail after removing end lock.

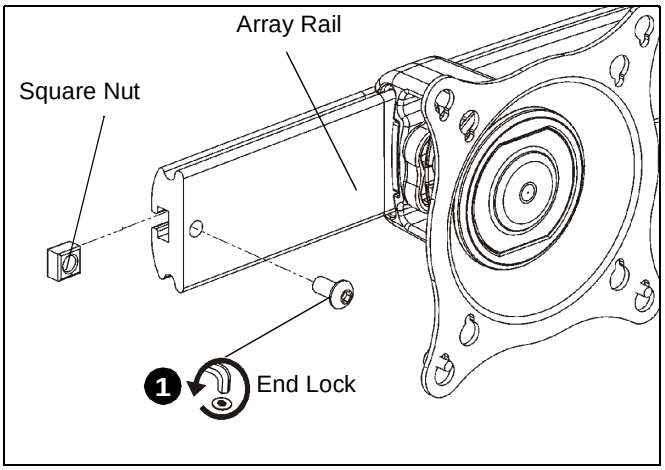


Figure 1

To install the KTA1001:

1. Insert two square nuts (D) into each rail end. (See Figure 2)
2. Slide rails together until rail ends meet. (See Figure 2)

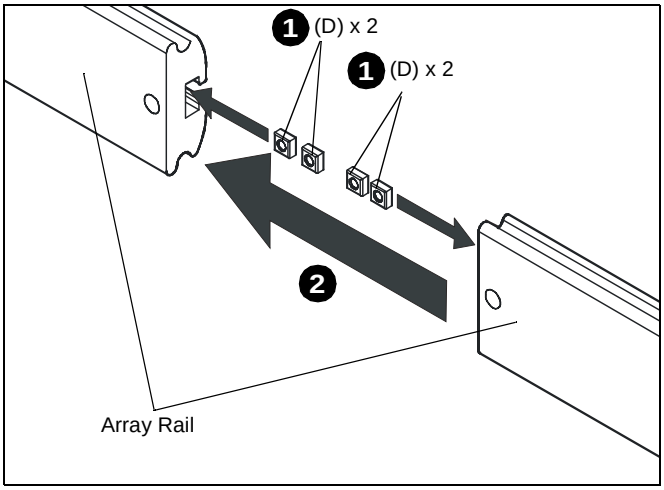


Figure 2

3. Place connecting bracket (A) against rails aligning holes in connector bracket with square nuts installed during step 1. (See Figure 3)

NOTE: The two center square nuts must align with holes in rail ends.

4. Secure connector bracket outer mounting holes to array rails using two 1/4-20 x 1/2" button head cap screws (B) making sure each screw threads into a square nut (D). (See Figure 3)
5. Secure connector bracket inner mounting holes to array rails using two 1/4-20 x 3/4" button head cap screw (C) making sure each screw threads into a square nut (D) and through hole in array rail. (See Figure 3)

⚠ **CAUTION:** Center connector mounting screws must go through square nut and hole in array rail to maintain mount integrity.

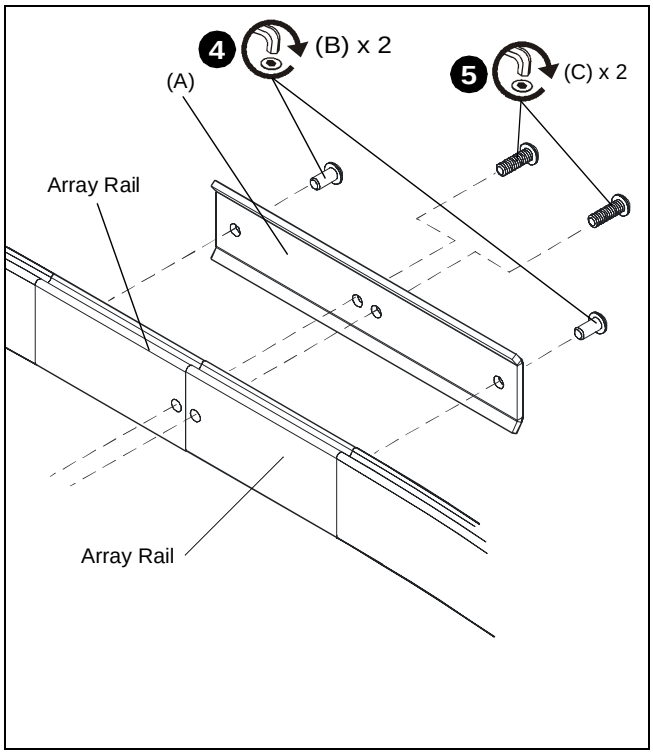


Figure 3

Array rail connection is now complete. Refer to Installation Instructions provided with mount or other accessory for additional installation instructions if required.

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