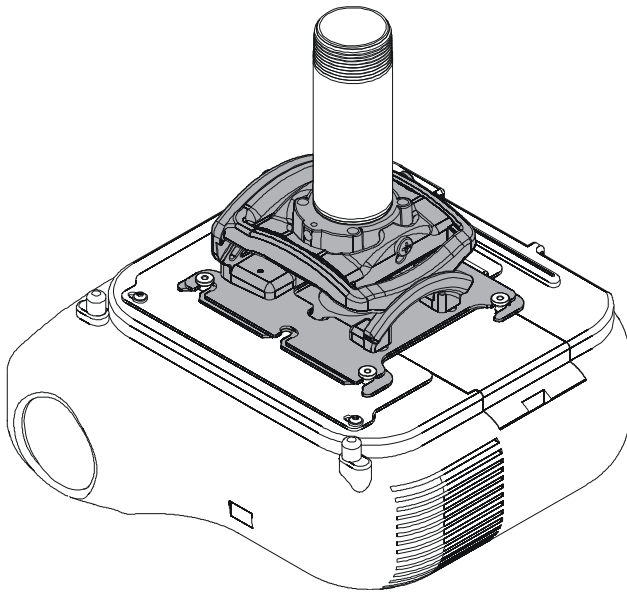
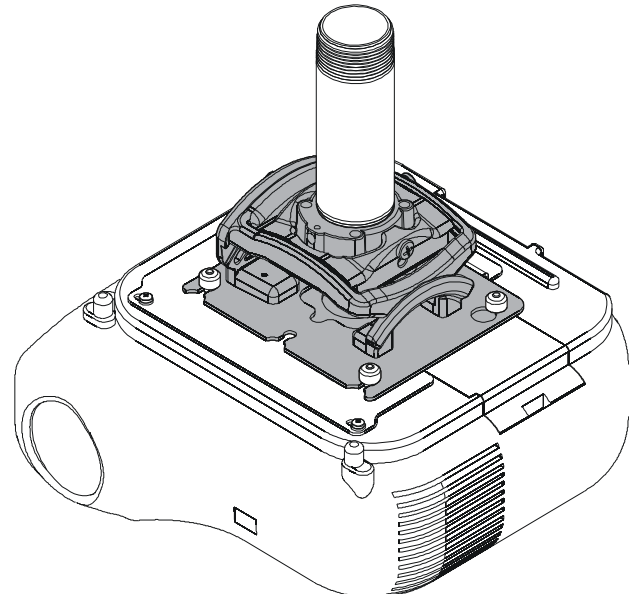

INSTALLATION INSTRUCTIONS

Instructions d'installation
Istruzioni di installazione
Installationsanleitung

Instrucciones de instalación
Installatie-instructies
Instruções de Instalação



RPM A-C



RPM

RPA Elite Series Projector Mount

DISCLAIMER

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IMPORTANT WARNINGS AND CAUTIONS!



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: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to the RPM does not exceed 50 lbs (22.68 kg).



¡AVISOS y PRECAUCIONES IMPORTANTES!



AVISO: Un AVISO llama su atención sobre la posibilidad de sufrir lesiones de gravedad o incluso mortales si no sigue las instrucciones.



PRECAUCIÓN: Una nota de PRECAUCIÓN llama su atención sobre la posibilidad de dañar o destruir el equipo si no sigue las instrucciones.



AVISO: Si no lee, comprende perfectamente y sigue todas las instrucciones, podría causar graves daños personales y materiales o anular la garantía de fábrica. El instalador es el responsable de asegurarse de que todos los componentes están correctamente montados e instalados siguiendo las instrucciones indicadas.



AVISO: Si no se proporciona la resistencia estructural adecuada para este componente, podrían provocarse graves daños personales o materiales. El instalador es el responsable de asegurarse de que la estructura a la que este componente está sujeta puede soportar cinco veces el peso combinado de todo el equipo. Refuerce la estructura según sea necesario antes de instalar el componente.



AVISO: Si se excede el peso máximo, podrían causarse graves daños personales o materiales. El instalador es responsable de asegurarse de que el peso combinado de todos los componentes montados en el RPM no excede 22.68 kg.



WICHTIGE WARN- und VORSICHTSHINWEISE!



WARNING: Ein WARNHINWEIS macht auf mögliche schwere oder tödliche Verletzungen aufmerksam, die bei Nichtbefolgung der Anweisungen eintreten können.



VORSICHT: Ein VORSICHTSHINWEIS macht auf Schäden oder mögliche Zerstörung des Geräts aufmerksam, die bei Nichtbefolgung der Anweisungen eintreten können.



WARNING: Falls nicht alle Anweisungen gelesen und gut verstanden werden, kann dies zu schweren Körperverletzungen, Schaden an den Geräten führen und die Werksgarantie nichtig machen! Der Monteur ist dafür verantwortlich, dass alle Komponenten unter Einhaltung der mitgelieferten Anweisungen korrekt zusammengebaut und eingebaut werden.



WARNING: Wenn für diese Komponente keine ausreichende bauliche Tragkraft vorhanden ist, kann dies zu schweren Körperverletzungen oder Schäden an den Geräten führen! Der Installateur ist dafür verantwortlich zu überprüfen, ob die Wand, an der diese Komponente verankert wird, das Fünffache der Gesamtlast aller befestigten Geräte sicher tragen kann. Andernfalls muss die Wand verstärkt werden, bevor die Komponente angebracht wird.



WARNUNG: Wenn das zulässige Gewicht überschritten wird, kann dies zu schweren Körperverletzungen oder Schäden an den Geräten führen! Der Monteur ist dafür verantwortlich, dass das kombinierte Gewicht aller Komponenten, die am Modell RPM befestigt sind, nicht mehr als 22.68 kg beträgt.



ADVERTÊNCIAS e AVISOS IMPORTANTES!



ADVERTÊNCIA: Os alertas de ADVERTÊNCIA avisam-no para a possibilidade de ocorrência de graves lesões ou morte no caso de incumprimento das instruções.



AVISO: Os alertas de AVISO avisam-no para a possibilidade de danos ou destruição do equipamento no caso de incumprimento das instruções.



ADVERTÊNCIA: Se não ler, compreender completamente e seguir todas as instruções podem ocorrer graves lesões pessoais, danos no equipamento e a garantia de fábrica pode ser anulada! É da responsabilidade do instalador certificar-se de que todos os componentes são correctamente montados e instalados de acordo com as instruções fornecidas.



ADVERTÊNCIA: Se não for proporcionado apoio estrutural adequado a este componente podem ocorrer graves lesões pessoais ou danos no equipamento! É da responsabilidade do instalador certificar-se de que a estrutura à qual este componente é ligado pode suportar cinco vezes o peso combinado de todo o equipamento. Reforce a estrutura conforme necessário antes de instalar o componente.



ADVERTÊNCIA: Exceder a capacidade de peso pode resultar em graves lesões pessoais ou danos no equipamento! É da responsabilidade do instalador certificar-se de que o peso combinado de todos os componentes ligados ao RPM não excede 22.68 kg.



AVVERTENZE e PRECAUZIONI IMPORTANTI!



AVVERTENZA: Un'AVVERTENZA mette in guardia in merito alla possibilità di gravi infortuni, anche letali, qualora non si osservino le istruzioni.



ATTENZIONE: Un'ATTENZIONE indica la possibilità di gravi danni all'attrezzatura qualora non ci si attiene alle istruzioni al riguardo.



AVVERTENZA: La mancata comprensione e ottemperanza alle istruzioni fornite può provocare gravi lesioni personali, danni all'apparecchiatura o annullare la garanzia fornita dal produttore. Spetta all'installatore verificare che tutti i componenti siano assemblati correttamente e installati secondo le istruzioni fornite.



AVVERTENZA: Una resistenza strutturale inadeguata per questo componente può arrecare gravi infortuni o danneggiare l'apparecchiatura. È responsabilità dell'installatore verificare che la struttura alla quale è fissato il componente sostenga con sicurezza cinque volte il carico combinato di tutta l'apparecchiatura. Rinforzare la struttura secondo necessità prima di installare i componenti.



AVVERTENZA: Un peso superiore alla capacità nominale può arrecare gravi infortuni o danneggiare l'apparecchiatura. È responsabilità dell'installatore verificare che il peso totale di tutti i componenti montati sul RPM non superi 22.68 kg (50 lb).



BELANGRIJKE AANWIJZINGEN en WAARSCHUWINGEN!



WAARSCHUWING: Een WAARSCHUWING vestigt uw aandacht op de mogelijkheid van ernstig of dodelijk letsel als u de instructies niet opvolgt.



VOORZICHTIG: De aanwijzing VOORZICHTIG vestigt uw aandacht op de mogelijkheid van beschadiging of onherstelbare beschadiging van de apparatuur als u de betreffende instructies niet opvolgt.



WAARSCHUWING: Door niet alle instructies te lezen, volledig te begrijpen en op te volgen, riskeert u ernstig persoonlijk letsel, beschadiging van de apparatuur en het vervallen van de fabrieksgarantie. Degene die het product installeert is ervoor verantwoordelijk dat alle onderdelen aan de hand van de meegeleverde handleiding op de juiste wijze worden samengebouwd en gemonteerd.



WAARSCHUWING: Als u voor deze component onvoldoende constructiesterke beschikbaar stelt, riskeert u ernstig persoonlijk letsel of beschadiging van de apparatuur! Degene die de structuur monteert waaraan deze component is bevestigd, is ervoor verantwoordelijk dat deze minimaal vijf maal het gezamenlijke gewicht van alle apparatuur kan dragen. Zonodig dient u de structuur vóór de montage van de component te versterken.



WAARSCHUWING: Overschrijding van het draagvermogen kan de oorzaak zijn van ernstig persoonlijk letsel en beschadiging van de apparatuur! Degene die het product installeert is ervoor verantwoordelijk dat het totale gewicht van alle componenten die aan de RPM worden bevestigd een gewicht van 22.68 kg niet overschrijdt.



AVERTISSEMENT: Le manque de la lecture, de la compréhension et du respect total de toutes les instructions, peut entraîner des blessures corporelles graves, endommager l'équipement ou annuler la garantie d'usine. Il incombe à l'installateur de s'assurer que tous les composants sont correctement assemblés et installés à l'aide des instructions fournies.



IMPORTANTS AVERTISSEMENTS et PRÉCAUTIONS!



AVERTISSEMENT: Un AVERTISSEMENT vous met en garde contre les possibilités de blessures graves ou de danger de mort si vous ne suivez pas les instructions.



AVERTISSEMENT: L'absence de l'apport d'une résistance structurelle appropriée pour ce composant peut entraîner des blessures corporelles graves ou endommager l'équipement. Il incombe à l'installateur de s'assurer que la structure à laquelle le composant est attaché peut soutenir cinq fois le poids combiné de tout l'équipement. Renforcer la structure selon les besoins avant l'installation du composant.

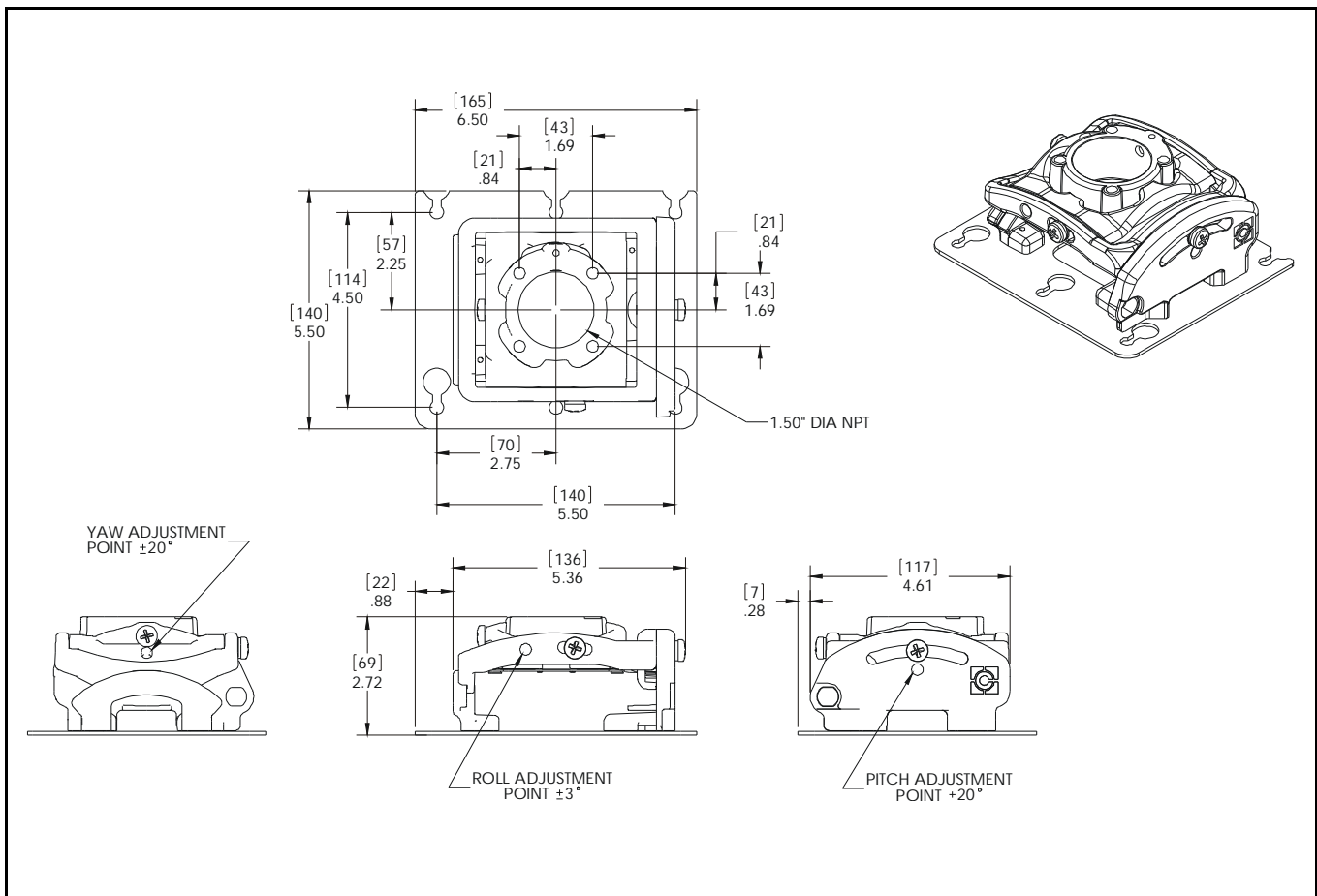


PRÉCAUTION: Une PRÉCAUTION vous met en garde contre les possibilités d'endommagements et de destruction de l'équipement si vous ne suivez pas les instructions correspondantes.



AVERTISSEMENT: Dépassez la capacité pondérale peut entraîner des blessures corporelles graves ou endommager l'équipement. Il incombe à l'installateur de s'assurer que le poids combiné de tous les composants attachés à RPM n'est pas supérieur à 22.68 kg (50 lb).


DIMENSIONS

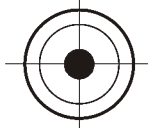


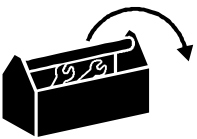

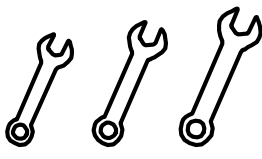


LEGEND


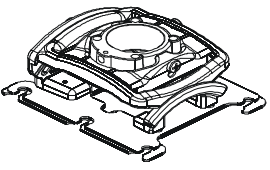
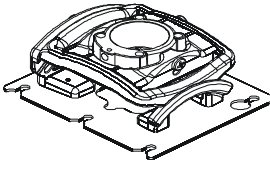
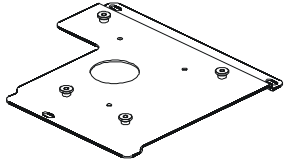

	Tighten Fastener
	Serrez les fixations
	Serrare il fissaggio
	Befestigungsteil festziehen
	Apretar elemento de fijación
	Bevestiging vastdraaien
Apertar fixador	
	Loosen Fastener
	Desserrez les fixations
	Allentare il fissaggio
	Befestigungsteil lösen
	Aflojar elemento de fijación
	Bevestiging losdraaien
Desapertar fixador	
	Phillips Screwdriver
	Tournevis à pointe cruciforme
	Cacciavite a stella
	Kreuzschlitzschraubendreher
	Destornillador Phillips
	Kruiskopschroevendraaier
Chave de fendas Phillips	
	Hex-Head Wrench
	Clé à tête hexagonale
	Chiave esagonale
	Sechskantschlüssel
	Llave de cabeza hexagonal
	Zeskantsleutel
Chave de cabeça sextavada	
	Open-Ended Wrench
	Clé à fourche
	Chiave a punte aperte
	Gabelschlüssel
	Llave de boca
	Steeksleutel
Chave de bocas	
	By Hand
	À la main
	A mano
	Von Hand
	A mano
	Met de hand
Com a mão	

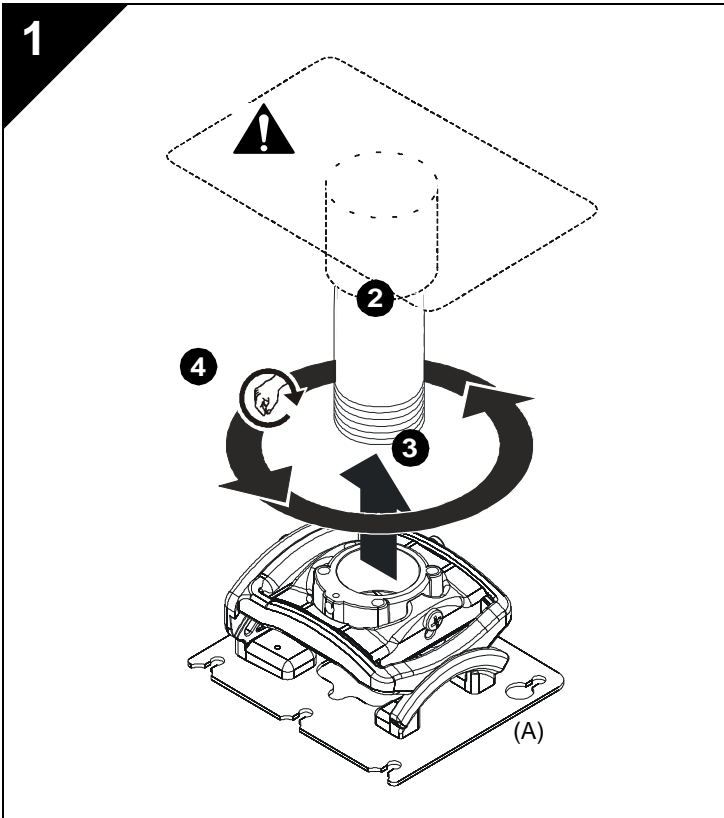
	Pencil Mark
	Marquage au crayon
	Segno a matita
	Stiftmarkierung
	Marcar con lápiz
	Potloodmerkteken
Marcar com lápis	
	Drill Hole
	Percez un trou
	Praticare un foro
	Bohrloch
	Perforar
	Gat boren
Fazer furo	
	Adjust
	Ajuster
	Regolare
	Einstellen
	Ajustar
	Afstellen
Ajustar	
	Remove
	Retirez
	Rimuovere
	Entfernen
	Quitar
	Verwijderen
Remover	
	Optional
	En option
	Opzionale
	Optional
	Opcional
	Optie
Opcional	
	Security Wrench
	Clé de sécurité
	Chiave di sicurezza
	Sicherheitsschlüssel
	Llave de seguridad
	Veiligheidssleutel
Chave de segurança	

	Hammer
	Martillo
	Hammer
	Martelo
	Martello
	Hamer
	Marteau

	Target of Projector
	Punto de enfoque del proyector
	Ziel des Projektors
	Mira do projector
	Punto di proiezione
	Doel van de projector
	Cible du projecteur

		
	 1/4"	 7/32" (6mm) dia.
		

		
<p>A (1)</p> 	<p>or</p>	<p>A (1)</p> 
<p>Example Only (Interface bracket varies dependent on projector model)</p>	<p>B (1)</p> 	



RPM INSTALLATION

Threaded Pipe Installation

1. Carefully determine required mounting location. **IMPORTANT !** : This will require knowing the lens to screen distance. See projector specifications for details on determining this distance.

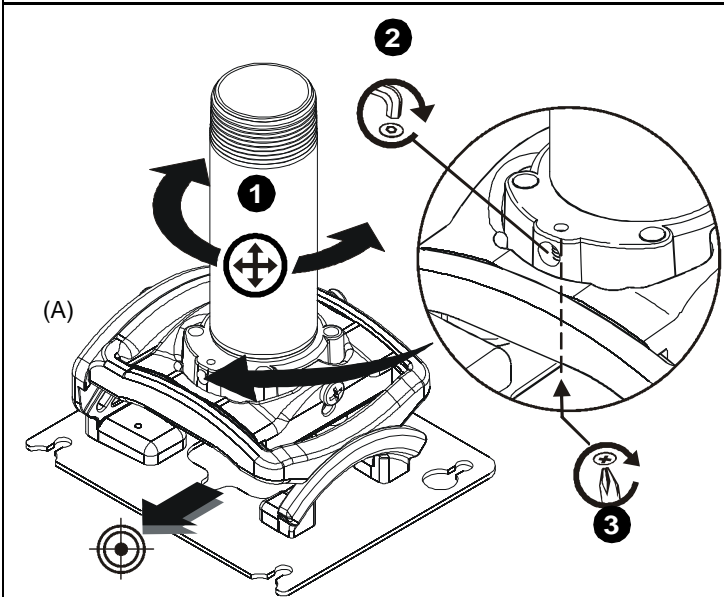
2. Install ceiling plate and extension accessories following installation instruction provided by manufacturer.



WARNING: IMPROPER INSTALLATION CAN RESULT IN SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Structural members **MUST** be capable of supporting five times the combined weight of all equipment being mounted.

3. Align RPM with end of NTP pipe.

4. Thread RPM up onto pipe by turning counter-clockwise until hand tight.



Rough Alignment of RPM

1. Turn RPM clockwise or counter-clockwise until front of mount is facing target.

IMPORTANT ! : When RPM is properly positioned, the set screw access hole should be pointing directly at target. (see bottom detail in figure at left)

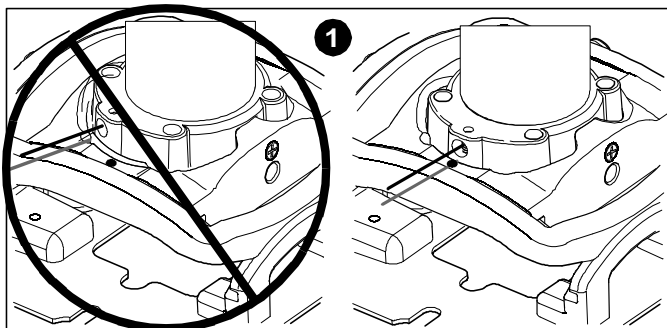
2. Secure RPM to pipe by turning set screw until tight.



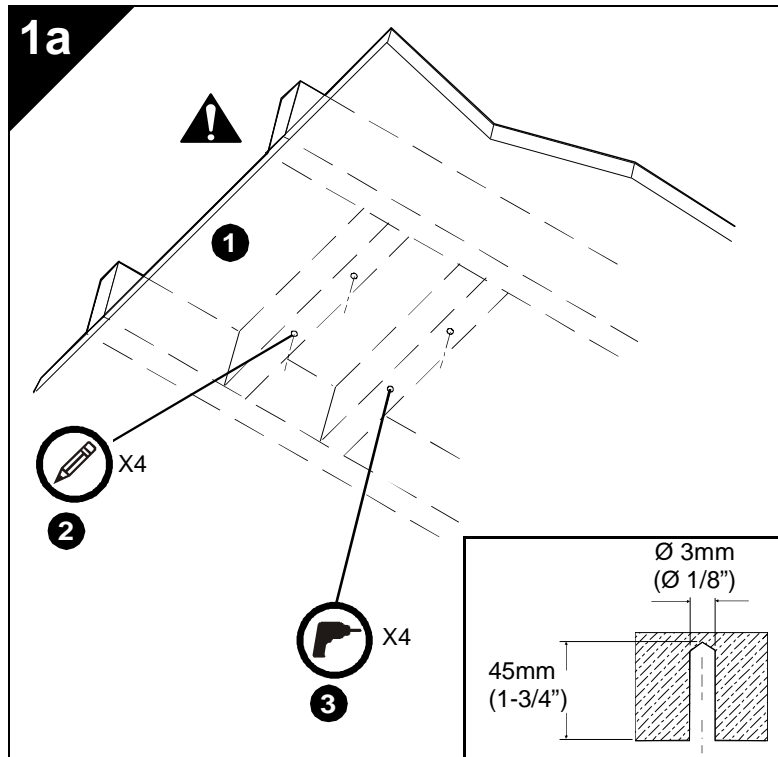
CAUTION: DO NOT OVERTIGHTEN!

Overtightening of setscrew can damage threads on pipe.

3. Turn security screw using a Phillips screwdriver until set screw cannot be seen through access hole in RPM.



INSTALLATION



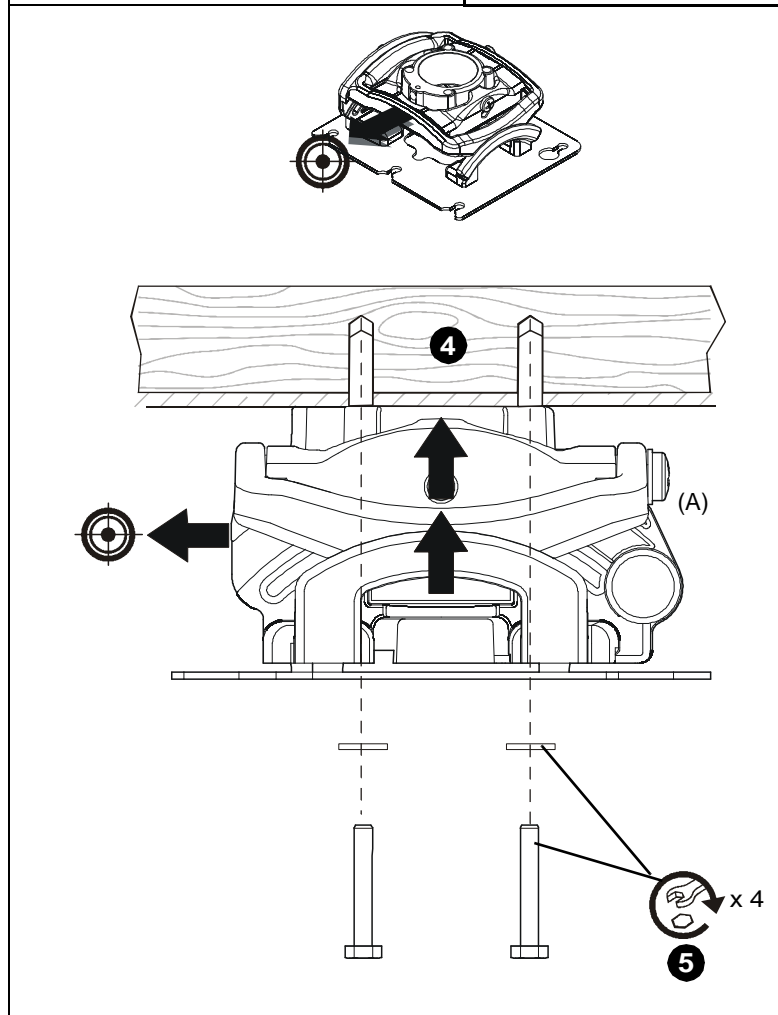
Wood Stud Installation

1. Carefully determine required mounting location.
IMPORTANT ! : This will require knowing the lens to screen distance. See projector specifications for details on determining this distance.



WARNING: IMPROPER INSTALLATION CAN RESULT IN SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Structural members **MUST** be capable of supporting five times the combined weight of all equipment being mounted.

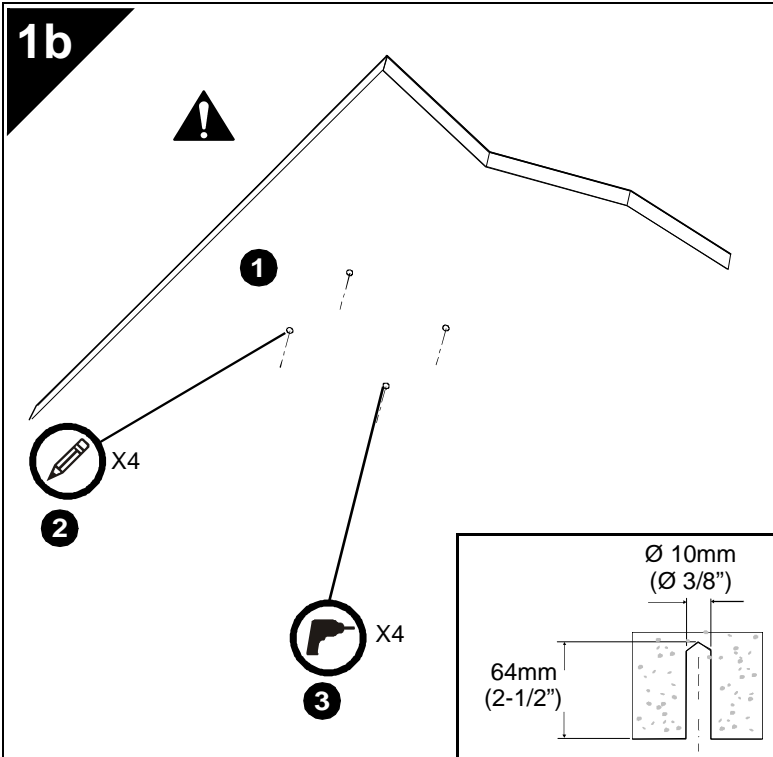
2. Using the RPM as a guide, mark four mounting hole locations with a pencil or similar tool.
3. Drill four 1/8" (3mm) dia. pilot holes to a depth of 1-3/4" (45mm) deep.



4. Align four mounting holes in RPM with four pilot holes.

IMPORTANT ! : Make sure mount is properly oriented towards target before securing to structure.

5. Secure RPM to structure using four 1/4" flat washers and four 1/4" x 3" lag bolts (not included).



Concrete Installation

1. Determine mounting location.



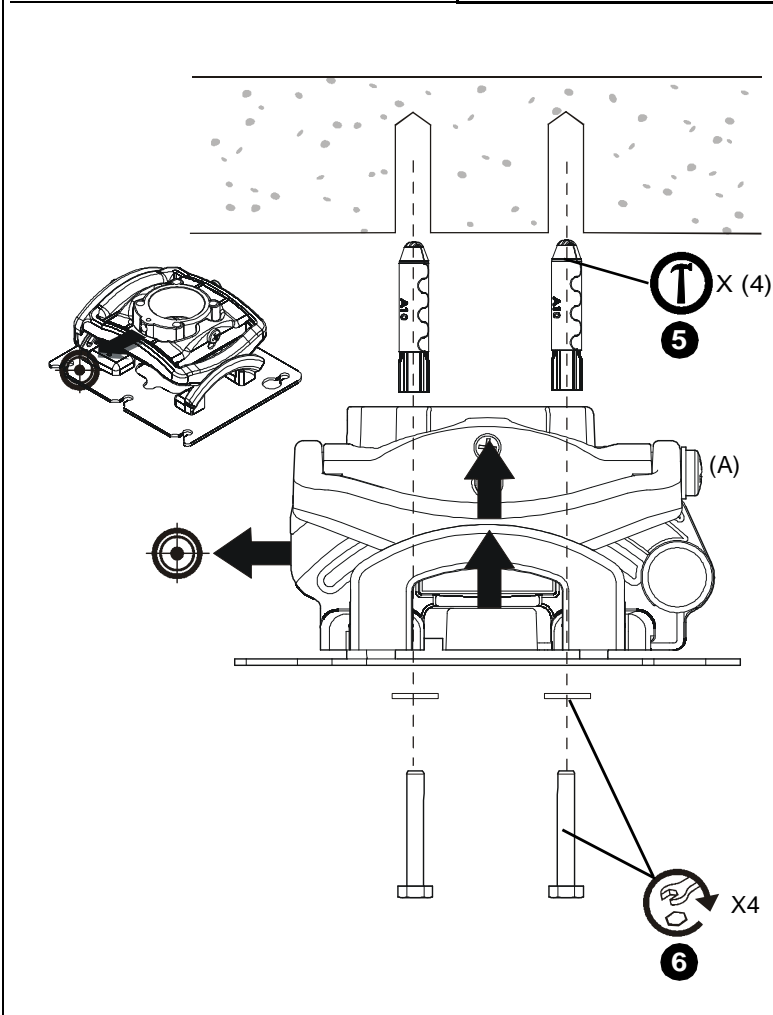
WARNING: IMPROPER INSTALLATION CAN RESULT IN SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Structural members **MUST** be capable of supporting five times the combined weight of all equipment being mounted.

2. Using the RPM as a guide, mark four mounting hole locations on ceiling using a pencil or similar tool.
3. Drill four 3/8" (10mm) dia. pilot holes to a depth of 2-1/2" (64mm) deep.

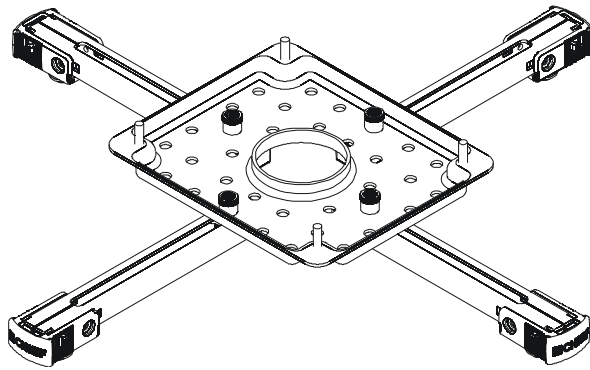
4. Align four mounting holes in RPM with four pilot holes.

IMPORTANT ! : Make sure mount is properly oriented towards target before securing to structure.

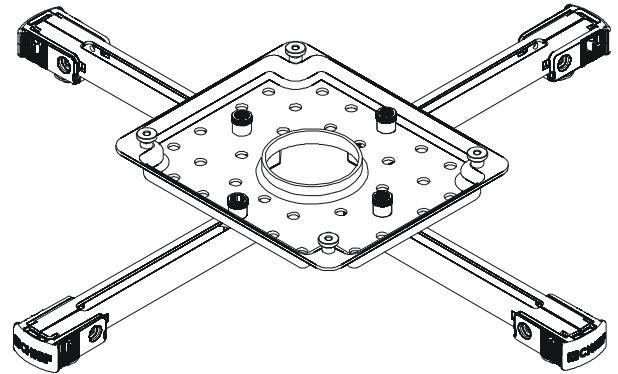
5. Install four Toggler A10 Alligator concrete anchors (not included) by inserting into pilot holes and pounding in until flush with mounting surface.
6. Secure RPM to structure using four 1/4" flat washers and four 1/4" x 3" lag bolts. (not included)



INSTALLATION INSTRUCTIONS



SLBU



SLMU

Universal Interface Brackets

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! IMPORTANT WARNINGS AND CAUTIONS!

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

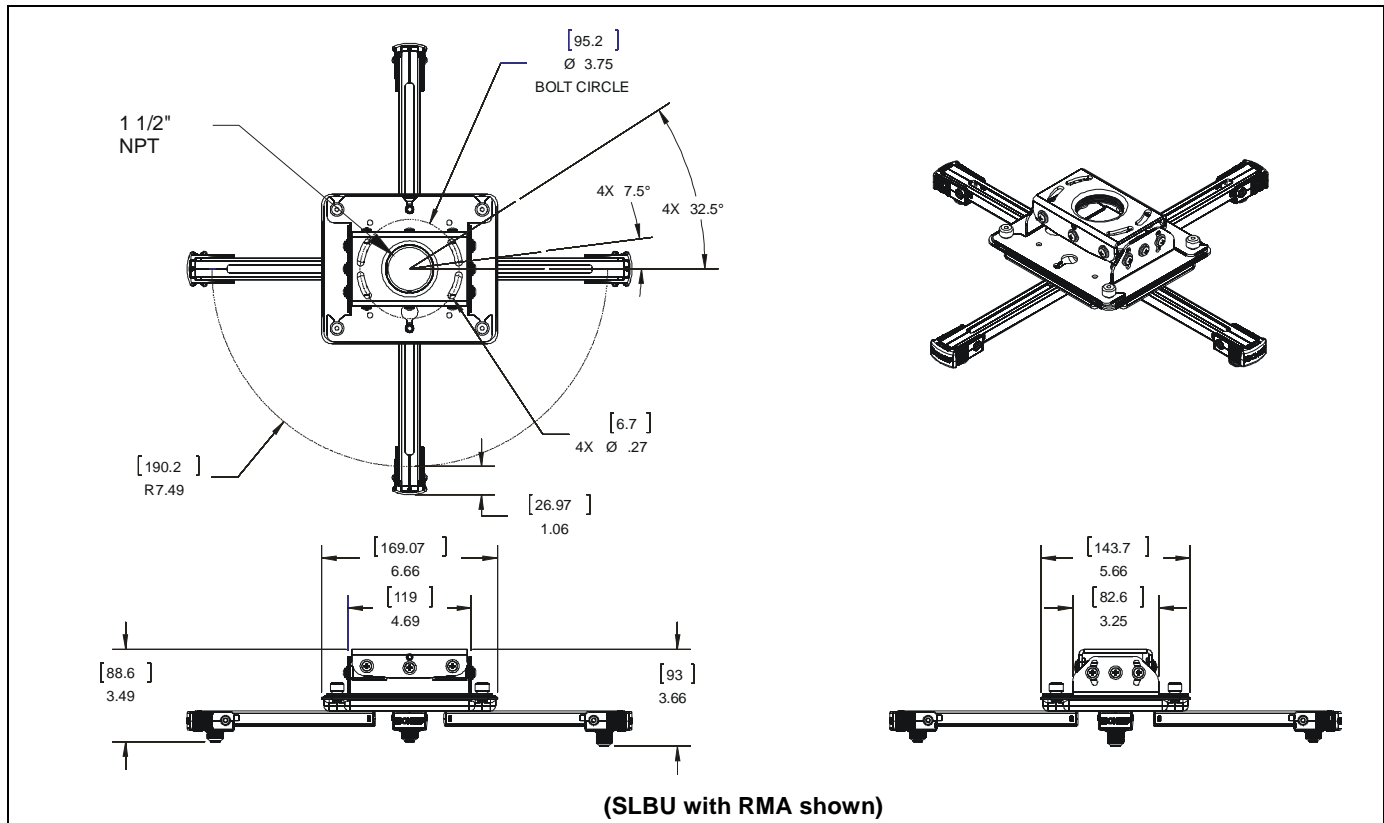
! CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

! 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.



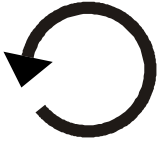









! WARNING: Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment.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

! WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to the SLBU-SLMU interface brackets does not exceed 50 lbs (22.68 kg).

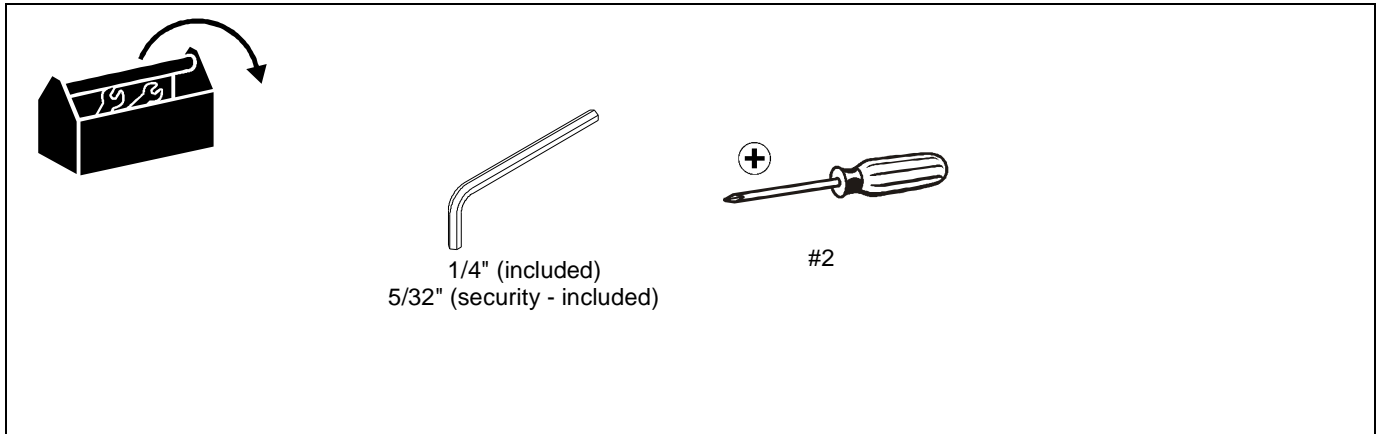
DIMENSIONS



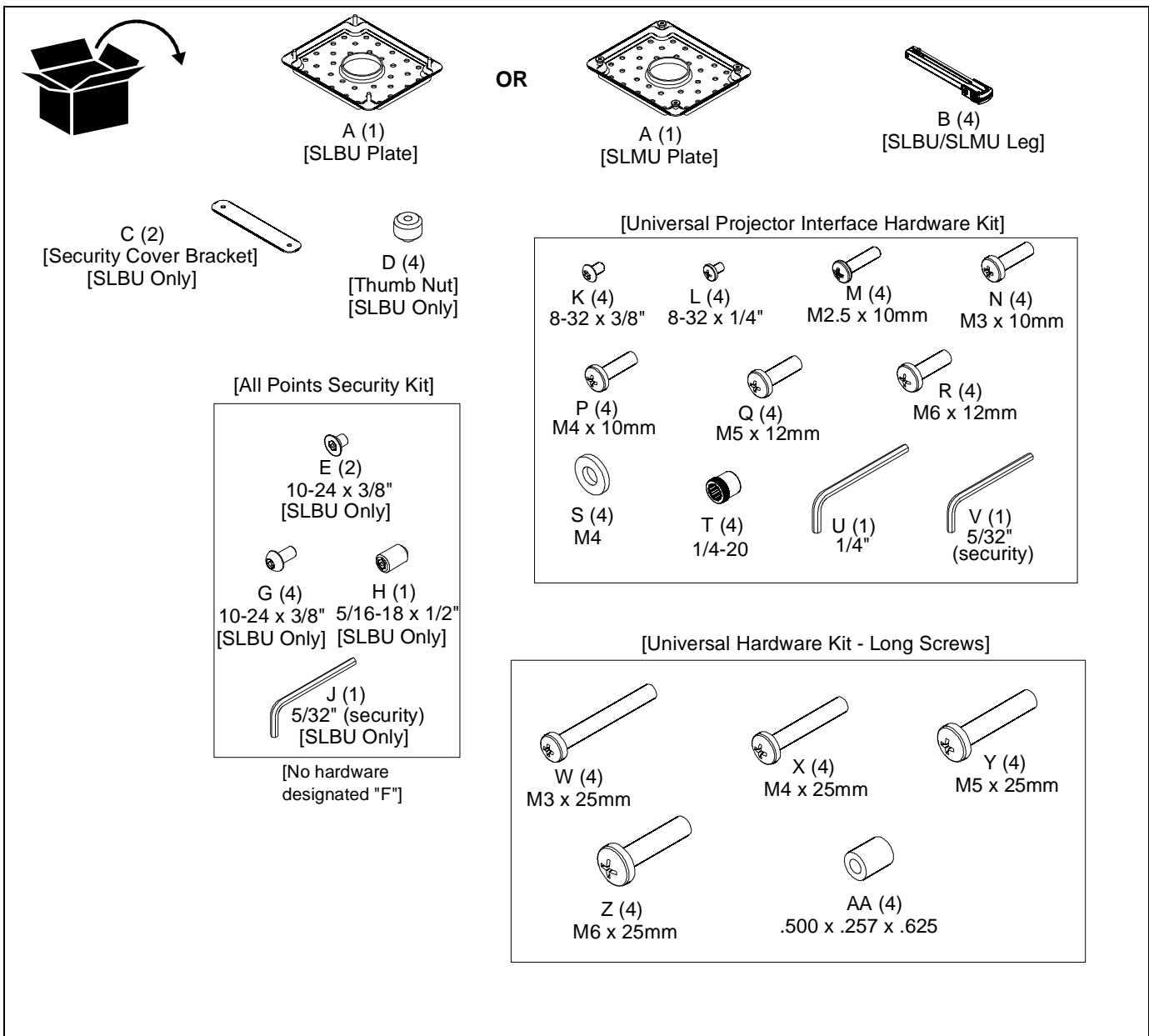
LEGEND

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

TOOLS REQUIRED FOR INSTALLATION



PARTS



ASSEMBLY AND INSTALLATION

Remove Screw Adapters from SLBU/SLMU Legs

1. Press locking buttons on SLBU/SLMU leg (B) firmly and simultaneously push clip cover toward enclosed sliding stud mount bracket and screw. (See Figure 1)
2. Screw adapter and attached height-adjustment nut will be released. Set aside for later use. (See Figure 1)
3. Repeat Steps 1-2 for each leg to be used in installation.

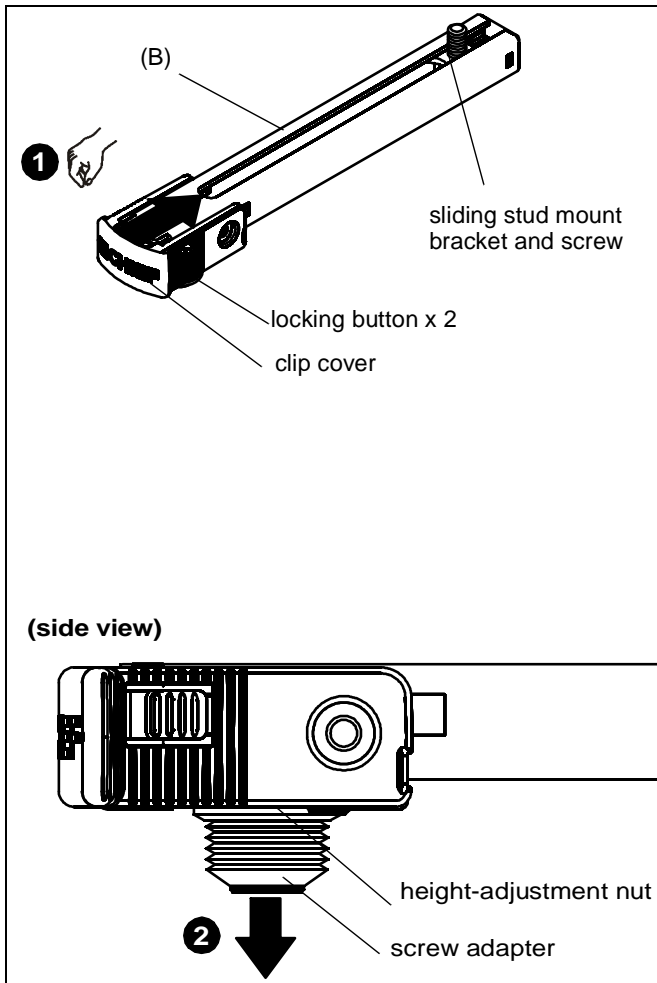


Figure 1

Attach Projector to SLBU/SLMU



WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to the SLBU-SLMU interface brackets does not exceed 50 lbs (22.68 kg).

1. Determine proper size screw to insert into projector. Test Phillips screws (M, N, P, Q and R) provided until one fits the projector holes.
2. Insert screws through M4 flat washers (S), screw adapters with height-adjustable nuts and into projector holes. (See Figure 2)

NOTE: Only use washers (S) if using M or N screws to attach screw adapters to projector.

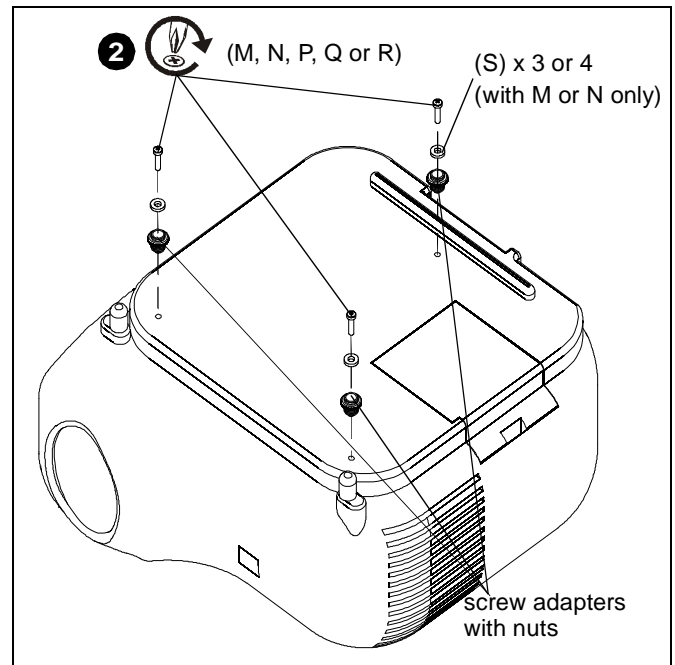


Figure 2

3. Adjust height-adjustment nuts to desired level. (See Figure 3)

NOTE: Height-adjustment nuts should be adjusted as low as possible while ensuring that the legs will always clear any elevated surfaces on the projector. All nuts must be adjusted to the same level to ensure an even mount.

IMPORTANT ! : The optional Universal Hardware Kit - Long Screws (see Parts drawing) may be used if there is interference with any part of the projector, and more height is required to clear elevated surfaces of the projector.

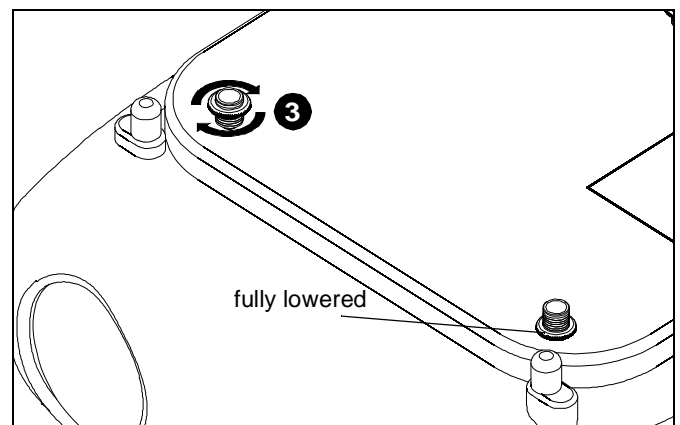


Figure 3

- Place SLBU/SLMU legs (B) over screw adapters and height-adjustment nuts. (See Figure 4)

NOTE: Make sure arm latch clips are in the unlocked position.

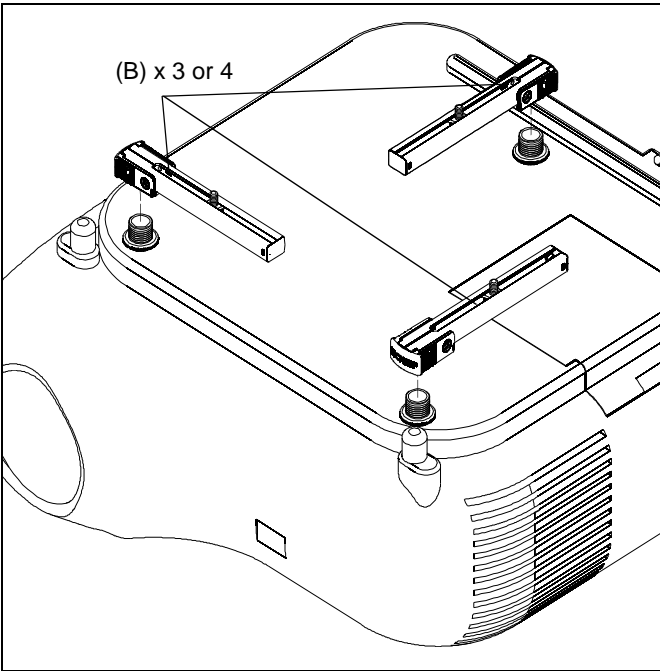


Figure 4

- Press locking buttons on SLBU/SLMU leg (B) firmly and simultaneously push clip cover away from enclosed sliding stud mount bracket until clip cover is in the locked position. (See Figure 5)
- Repeat Step 5 for remaining legs.



WARNING: Make sure legs have securely locked onto height-adjustable nuts with the latch clips. If the legs are not properly locked onto the adapters, the projector could fall from the SLBU/SLMU mount causing **SERIOUS INJURY** or **DEATH!**

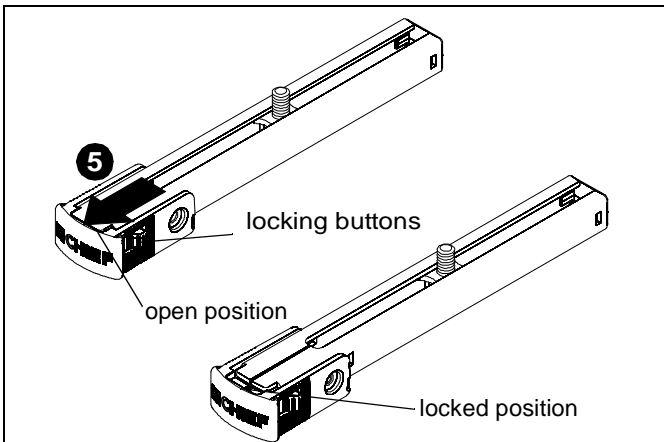


Figure 5

- Manuever legs so that sliding stud mount brackets and screws are towards the middle of the projector. (See Figure 6) and (See Figure 7)
- Position sliding stud mount brackets and screws so that SLBU or SLMU main plate (A) can be evenly mounted to legs. (See Figure 6) and (See Figure 7)
- Use 1/4" hex key (U) to secure Allen nuts (T) to screws on sliding stud mounts. (See Figure 6) and (See Figure 7)

NOTE: The following examples are two of many possible scenarios based on typical examples of mounting hole patterns. Specific connection points will vary based on the hole pattern. Multiple scenarios may be used for each specific hole pattern as long as the weight of the projector is centered and balanced after mounting.

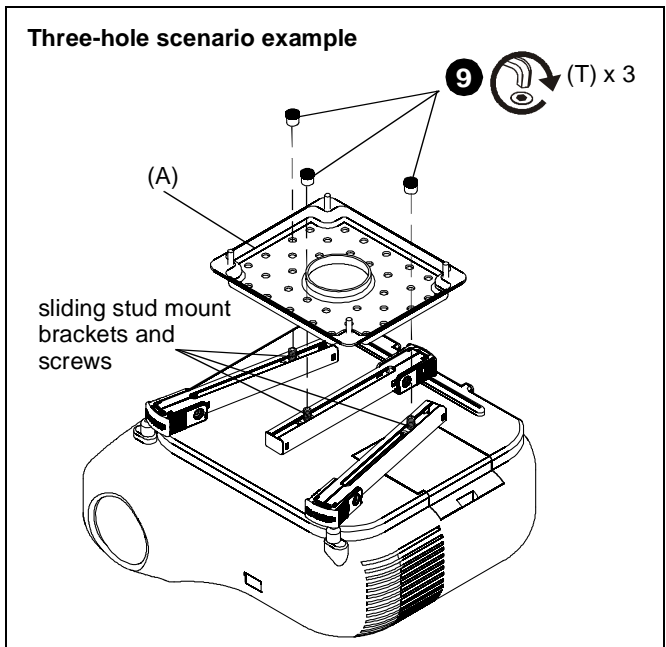


Figure 6

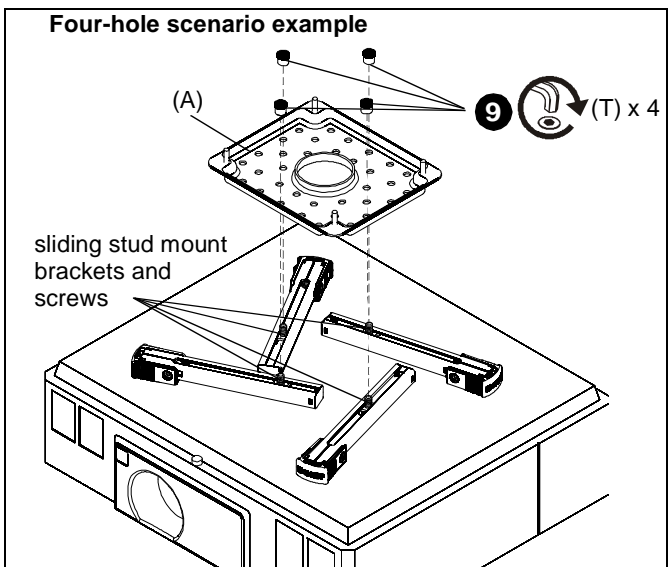


Figure 7

Attach SLBU/SLMU to RPA or RPM

1. On SLBU, partially install four thumb nuts (D) to SLBU main plate screws. Be sure to install thumb nuts with tapered side down. (See Figure 8)

NOTE: If using optional security brackets (C) to connect SLBU bracket to RPA or non-locking RPM mount, refer to Security Bracket Installation section prior to installing thumb nuts.

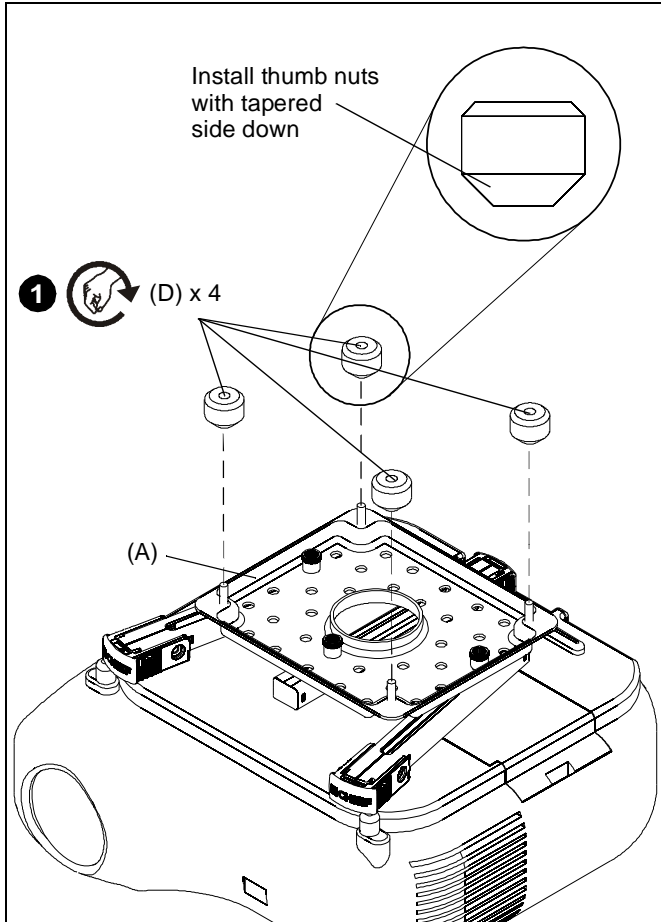


Figure 8

2. Attach SLBU/SLMU to RPA/RPM. Refer to RPA/RPM installation manual for details.

Security Screw Installation (Optional)

1. Install #8-32 x 3/8" button head security screws (K) into security holes on SLBU/SLMU legs. (See Figure 9)

NOTE: Up to two security screws can be installed on each leg. It is recommended that screws be installed in holes that are difficult to access to achieve maximum security.

NOTE: Cable ties (not included) may be used instead of the security screws. Thread cable tie through both holes on leg and secure cable tie.

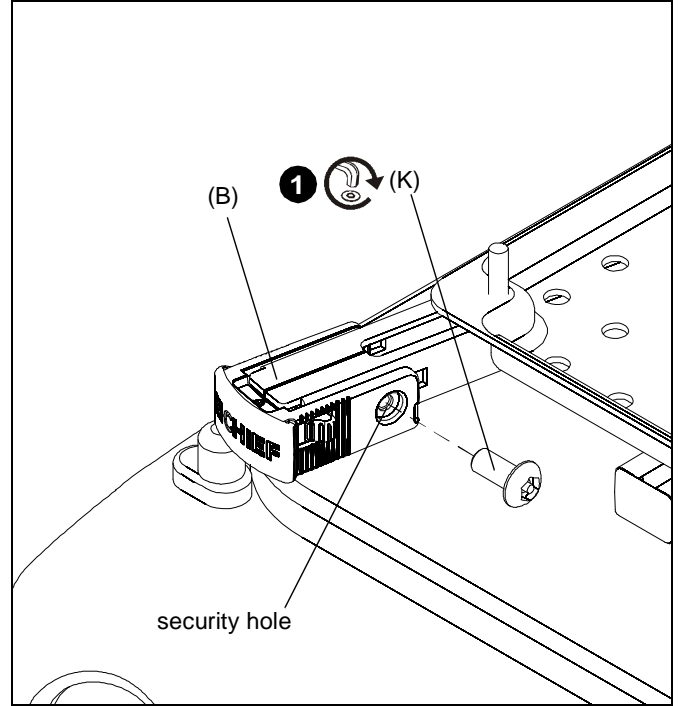


Figure 9

Security Bracket Installation (Optional)

NOTE: Security brackets (C) can only be used when connecting SLBU bracket to RPA or non-locking RPM mounts.

1. Install security brackets (C) over screws on SLBU main plate. (See Figure 10)
2. Partially install thumb nuts (D) onto SLBU main plate screws. (See Figure 10)

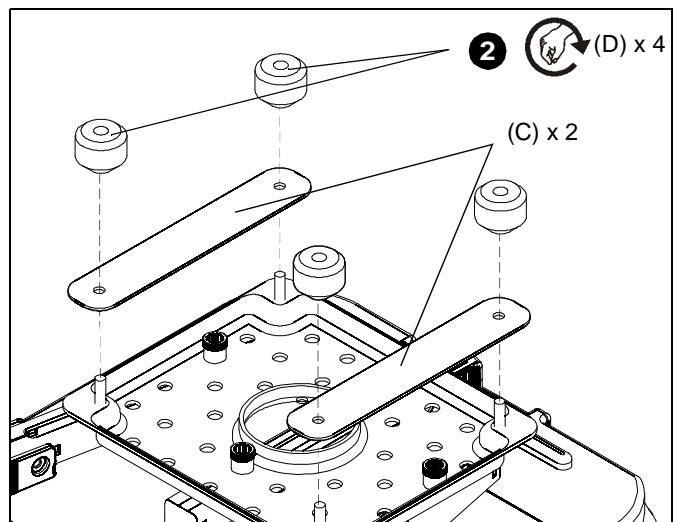


Figure 10



Our Mounts. **Your Vision.**

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