



Dimensions & Mounting Guide

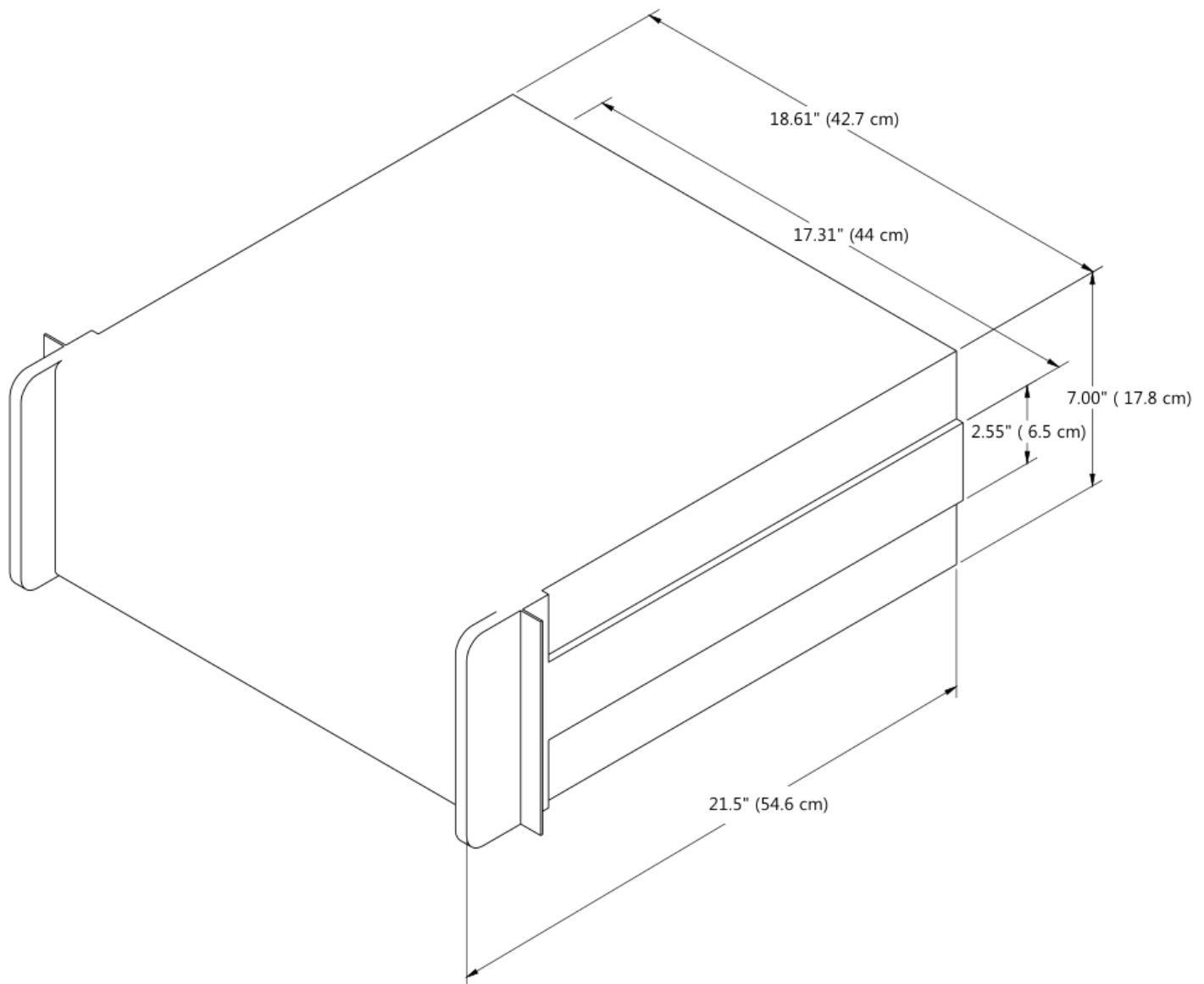
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4RU Form Factor – 3Play 4800

3Play 4800 are encased in 4RU (Rack Unit) chassis equipped with 'ears' designed to permit mounting in standard 19" rack architecture.

As this unit weighs approximately 44 pounds (~20 kilograms), NewTek strongly recommends attachment of rack rails or installation of a shelf or rear support to distribute the weight more evenly when rack mounting. Maintaining front and rear access is convenient for cabling, air movement, and removable storage, and should be considered mandatory for proper ventilation and cooling.

Legacy NewTek 4RU products include TriCaster 860, 855, 850 EXTREME, 850 and 8000; and 3Play 820.

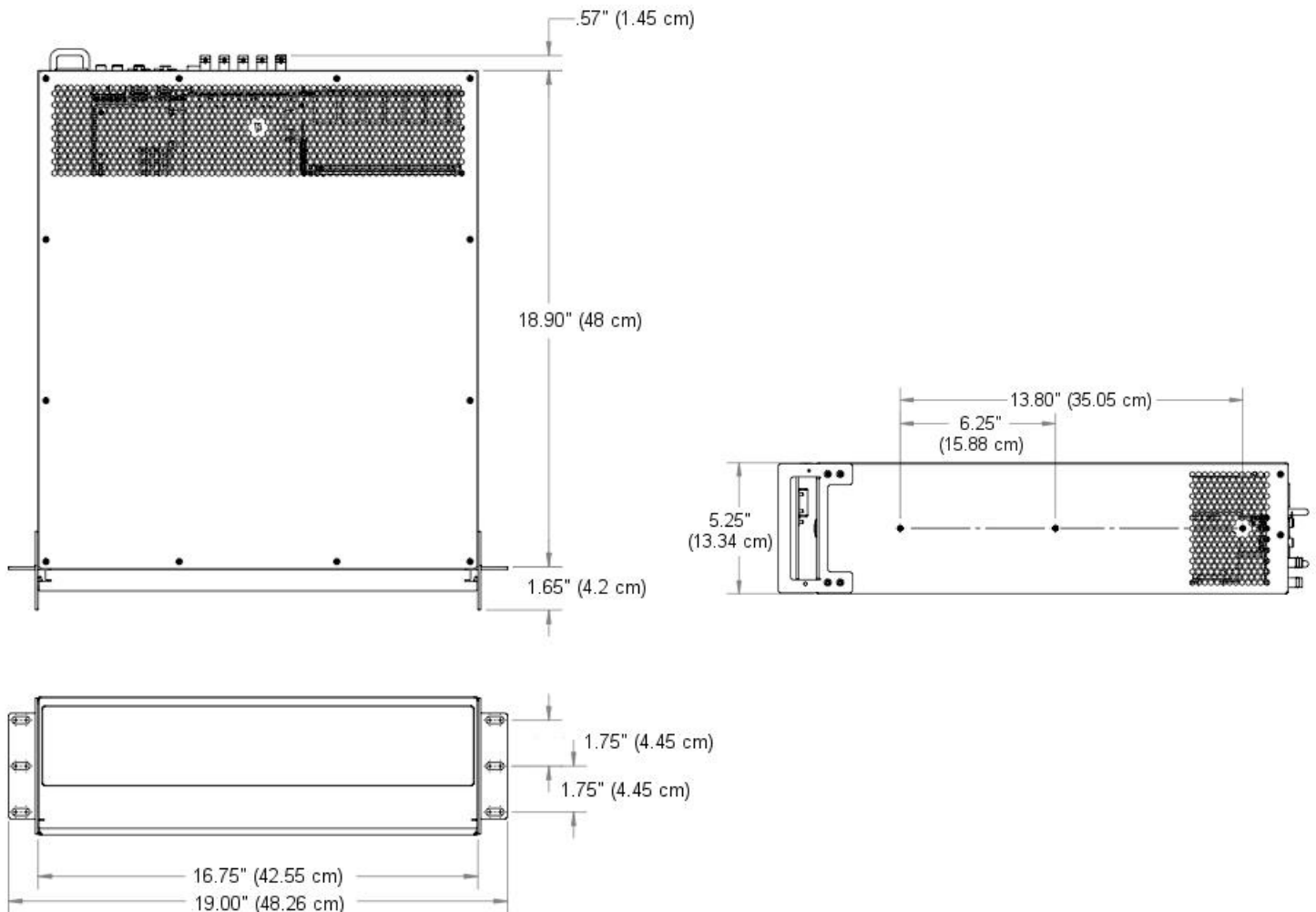


3RU Form Factor – VMC1, TriCaster TC1R, and 3Play 3P1R

VMC1, TriCaster TC1R, and 3Play 3P1R are encased in 3RU (Rack Unit) chassis equipped with ‘ears’ designed to permit mounting in standard 19” rack architecture.

As these units weigh approximately 34 pounds (~15 kilograms), NewTek strongly recommends attachment of rack rails or installation of a shelf or rear support to distribute the weight more evenly when rack mounting.

Maintaining front and rear access is convenient for cabling and air movement. In view of the vent placement on the top panel, it is mandatory that a minimum of 1RU of vacant rack space be allowed above the chassis for proper ventilation and cooling.

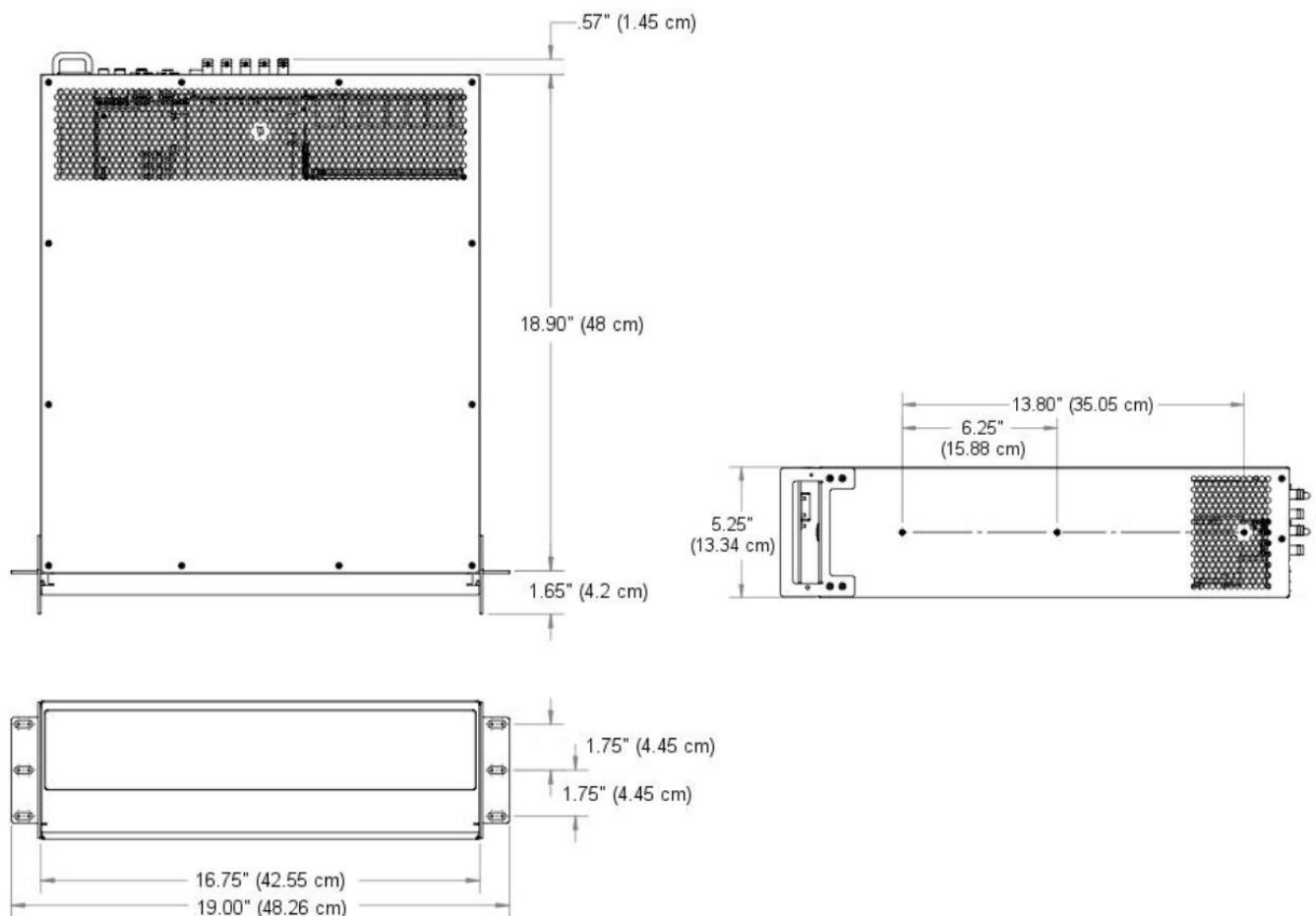


3RU Form Factor – TriCaster® 2 Elite

TriCaster® 2 Elite is encased in 3RU (Rack Unit) chassis equipped with ‘ears’ designed to permit mounting in standard 19” rack architecture.

As these units weigh approximately 34 pounds (~15 kilograms), NewTek strongly recommends attachment of rack rails or installation of a shelf or rear support to distribute the weight more evenly when rack mounting.

Maintaining front and rear access is convenient for cabling and air movement. In view of the vent placement on the top panel, it is mandatory that a minimum of 1RU of vacant rack space be allowed above the chassis for proper ventilation and cooling.



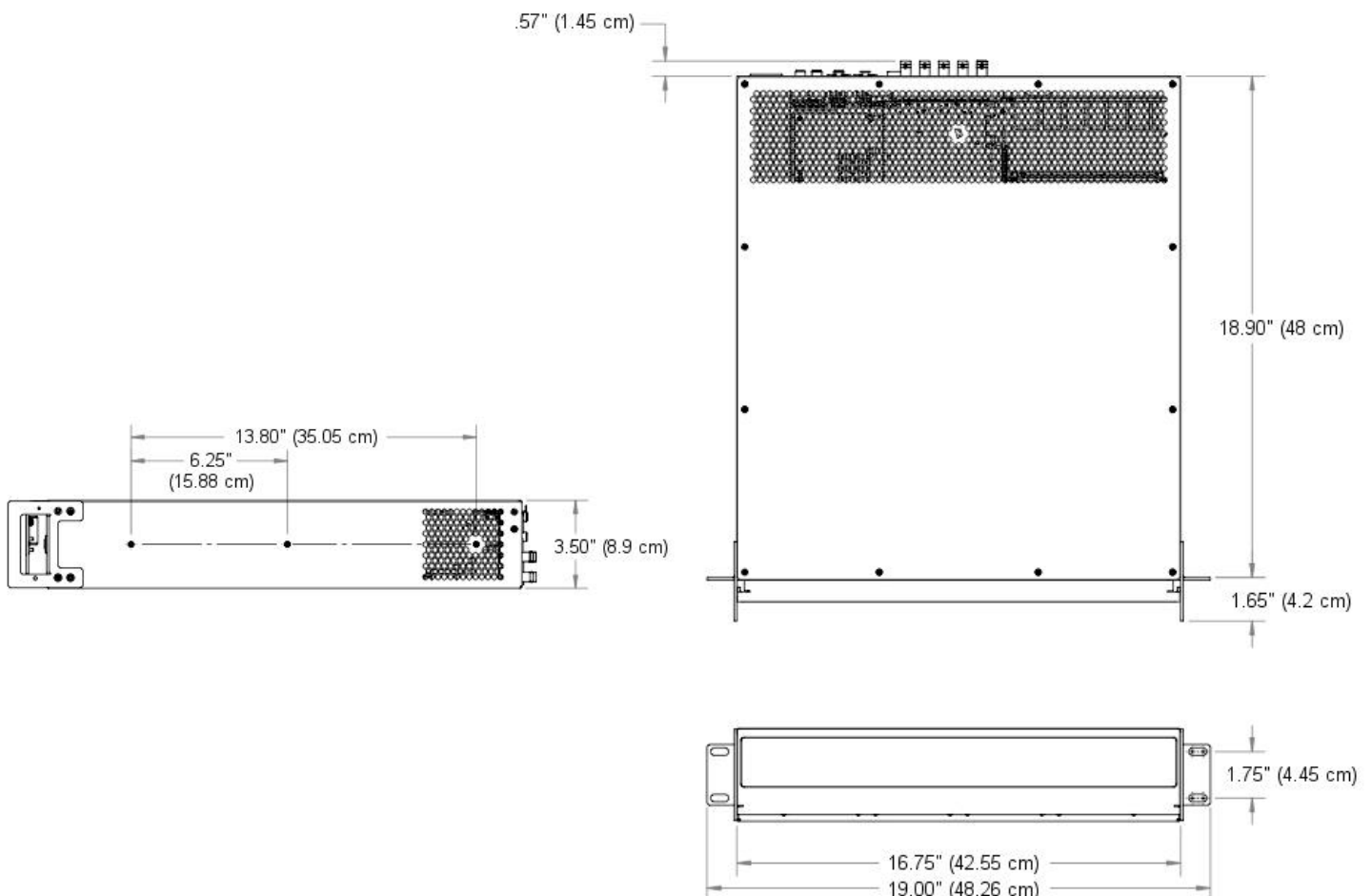
2RU Form Factor – TriCaster 1 Pro, TC1 & 410; 3Play 3P1& 3P2,425; and VMC1 OUT

TriCaster TC1, and 410; 3Play 3P1, and 425; and VMC1 OUT systems are encased in 2RU (Rack Unit) chassis equipped with 'ears' designed to permit mounting in standard 19" rack architecture.

As these units weigh approximately 26 pounds (~12 kilograms), NewTek strongly recommends attachment of rack rails or installation of a shelf or rear support to distribute the weight more evenly when rack mounting.

Maintaining front and rear access is convenient for cabling, air movement, and removable storage (if applicable). In view of the vent placement on the top panel, it is mandatory that a minimum of 1RU of vacant rack space be allowed above the chassis for proper ventilation and cooling.

Legacy NewTek 2RU products include the first-generation VMC1, TriCaster 460, 455, 450 EXTREME, 450 and 3Play 440.

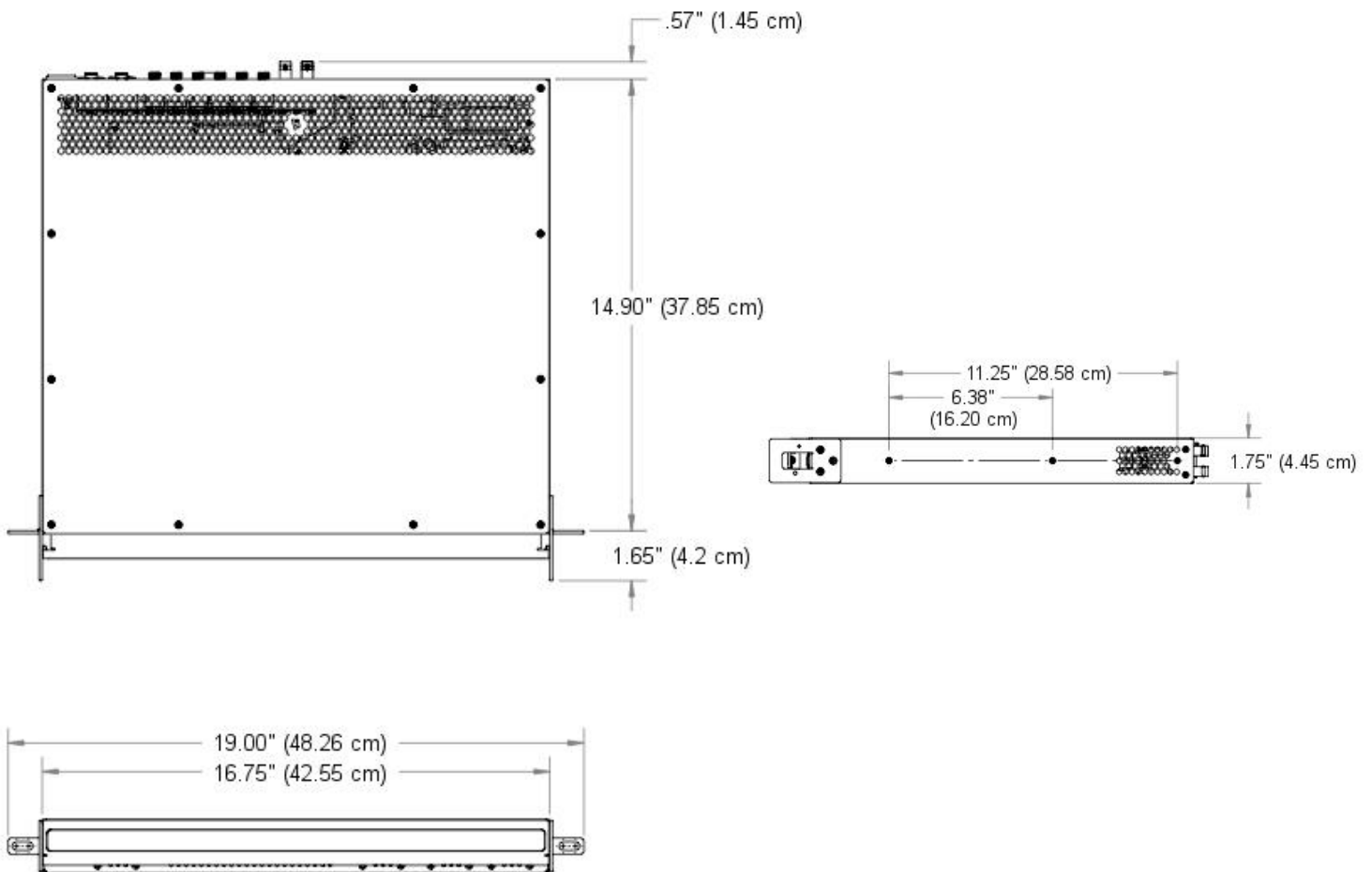


1RU Form Factor –TalkShow, NC1, and NVG1

TalkShow, NC1, and NVG1 systems are encased in a 1RU (Rack Unit) chassis equipped with ‘ears’ designed to permit mounting in standard 19” rack architecture.

As these units weigh approximately 15 pounds (~7 kilograms), NewTek strongly recommends attachment of rack rails or installation of a shelf or rear support to distribute the weight more evenly when rack mounting.

Maintaining front and rear access is convenient for cabling and air movement. In view of the vent placement on the top panel, it is mandatory that a minimum of 1RU of vacant rack space be allowed above the chassis for proper ventilation and cooling.

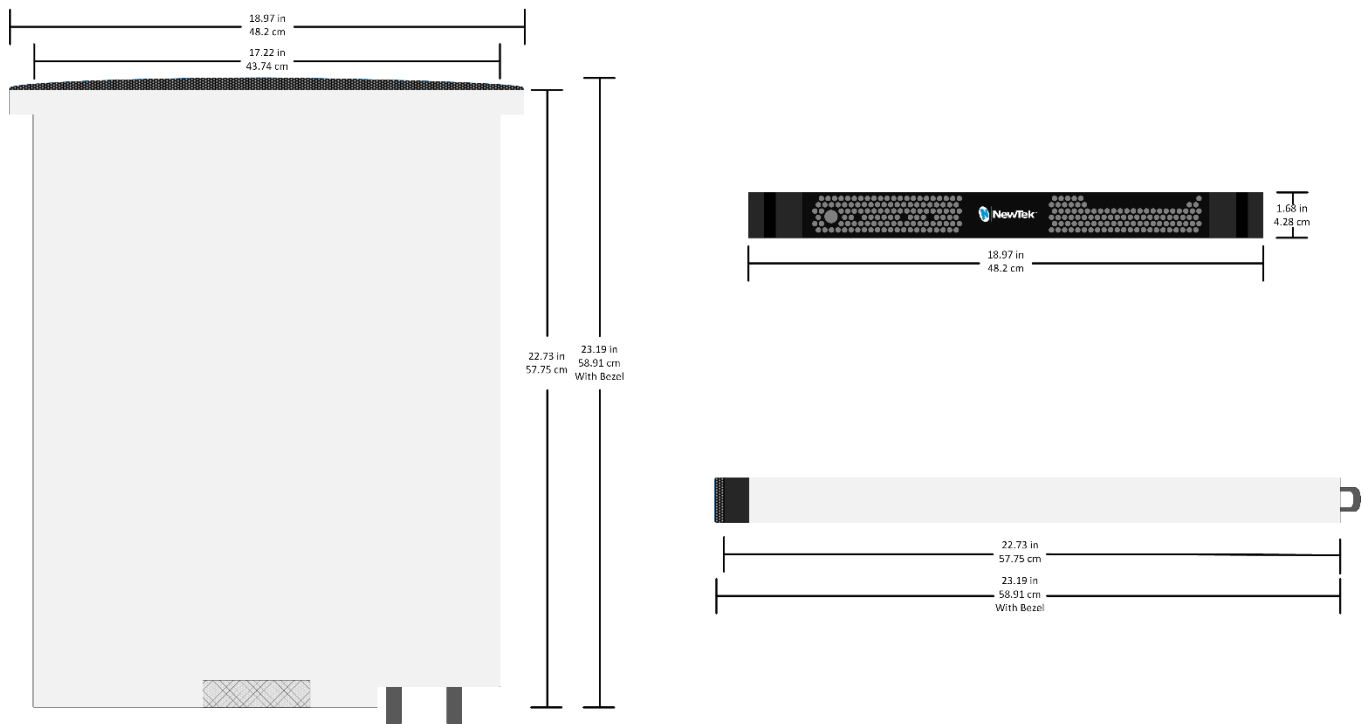


1RU Form Factor – NC2 Studio I/O Module

The NC2 Studio I/O Module is encased in a 1RU (Rack Unit) chassis and is supplied with a racking kit.

As this unit weighs approximately 27 pounds (~12 kilograms), NewTek strongly recommends attachment of rack rails or installation of a shelf or rear support to distribute the weight more evenly when rack mounting.

Maintaining front and rear access is convenient for cabling and air movement. In view of the vent placement on the top panel, it is mandatory that a minimum of 1RU of vacant rack space be allowed above the chassis for proper ventilation and cooling.



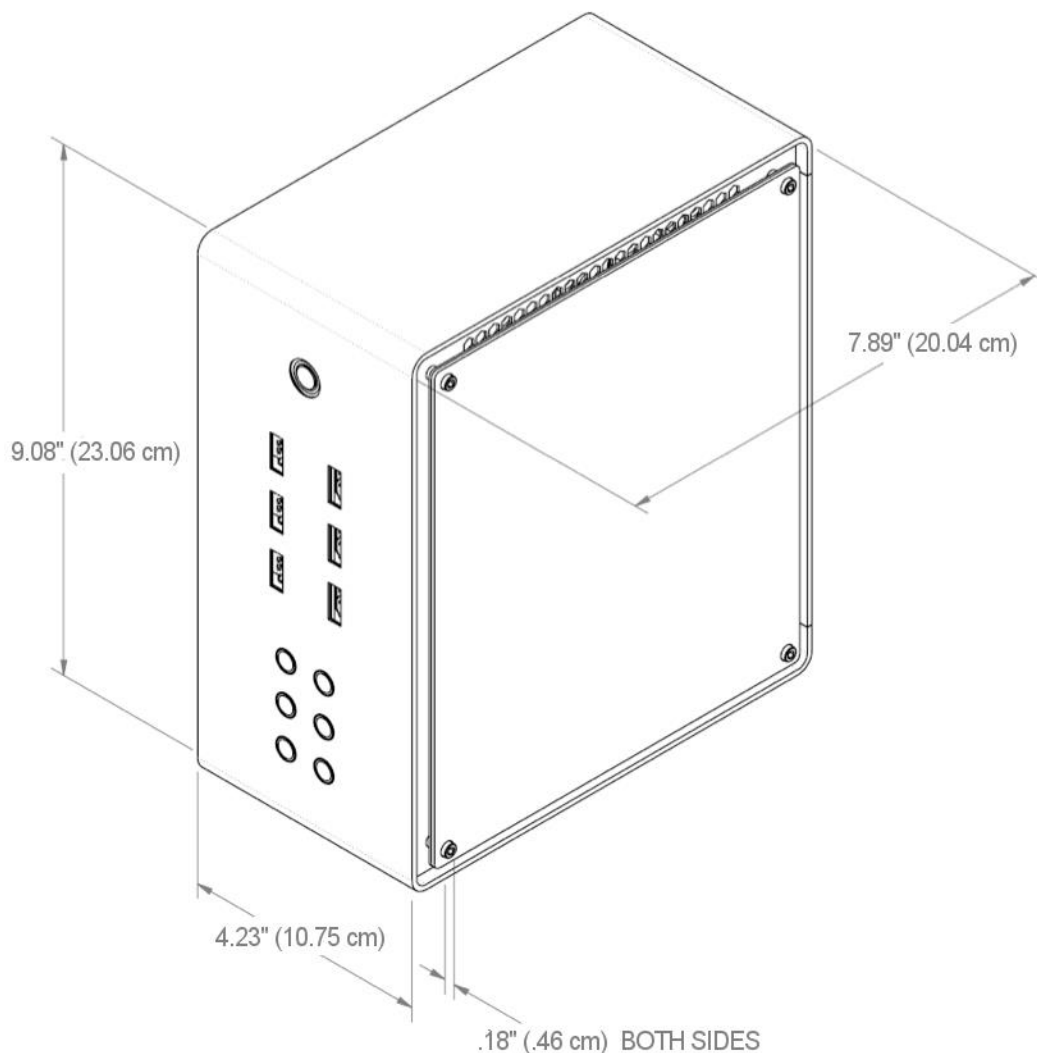
Mini Form Factor – TriCaster Mini & 3Play Mini

TriCaster Mini system is encased in NewTek's proprietary, ultra-portable Mini chassis.

This unit weighs approximately 9 pounds (~4 kg). As it is typically subject to frequent handling and transport, proper precautions should be taken to protect against accidental damage, including dropping, falling, or exposing to static discharge.

An adjustable handle and cable retention bracket is included with each unit. When attached and fastened securely, this provides extra security and strain relief for cabling, in addition to convenience for handling and transport. NewTek strongly recommends that you still ensure that cabling is properly routed to avoid creating a trip hazard – especially in tabletop and desktop installations.

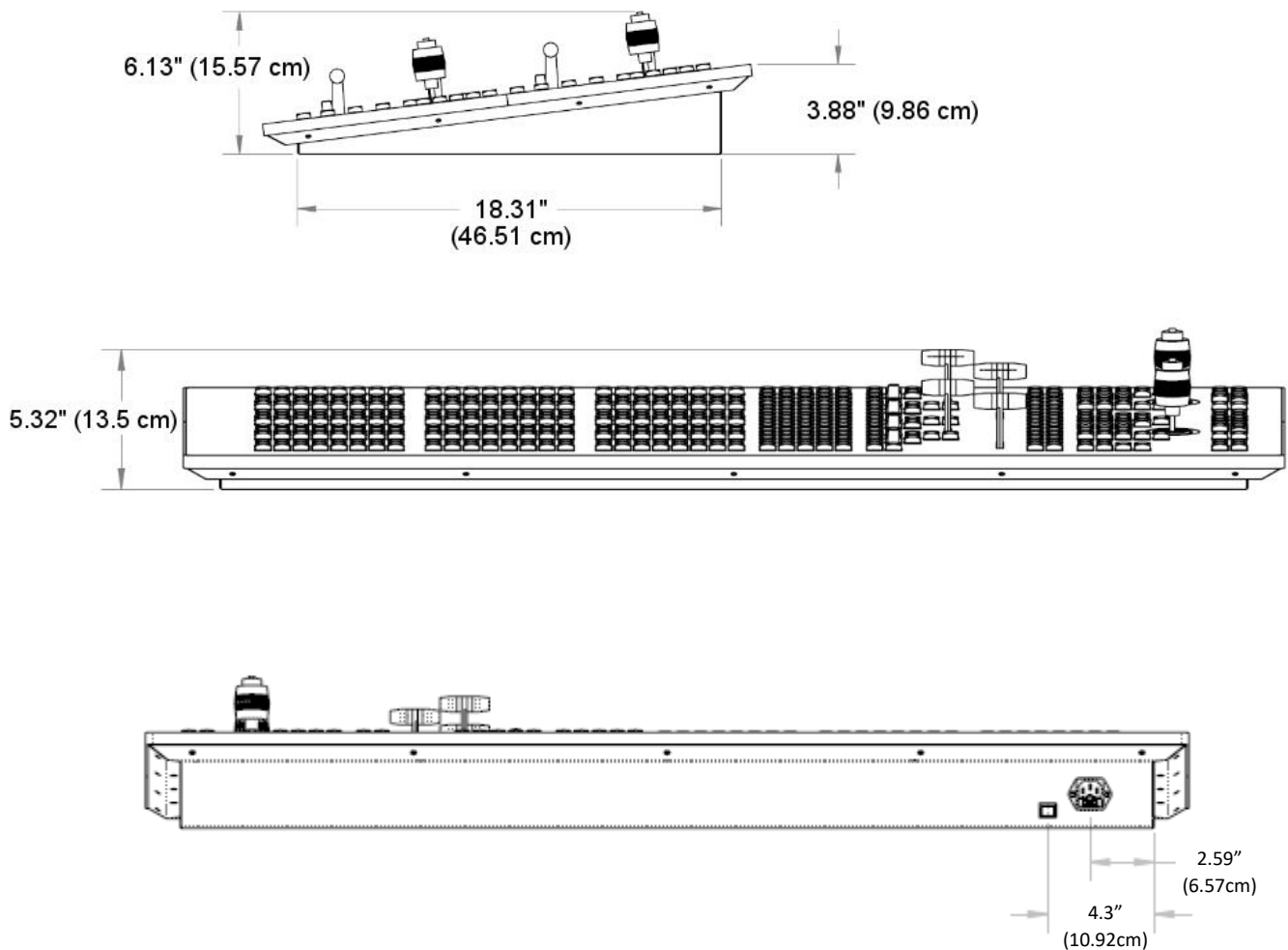
Maintaining front and rear access is convenient for cabling. Free airflow to the vented side panels should be considered mandatory for proper ventilation and cooling.



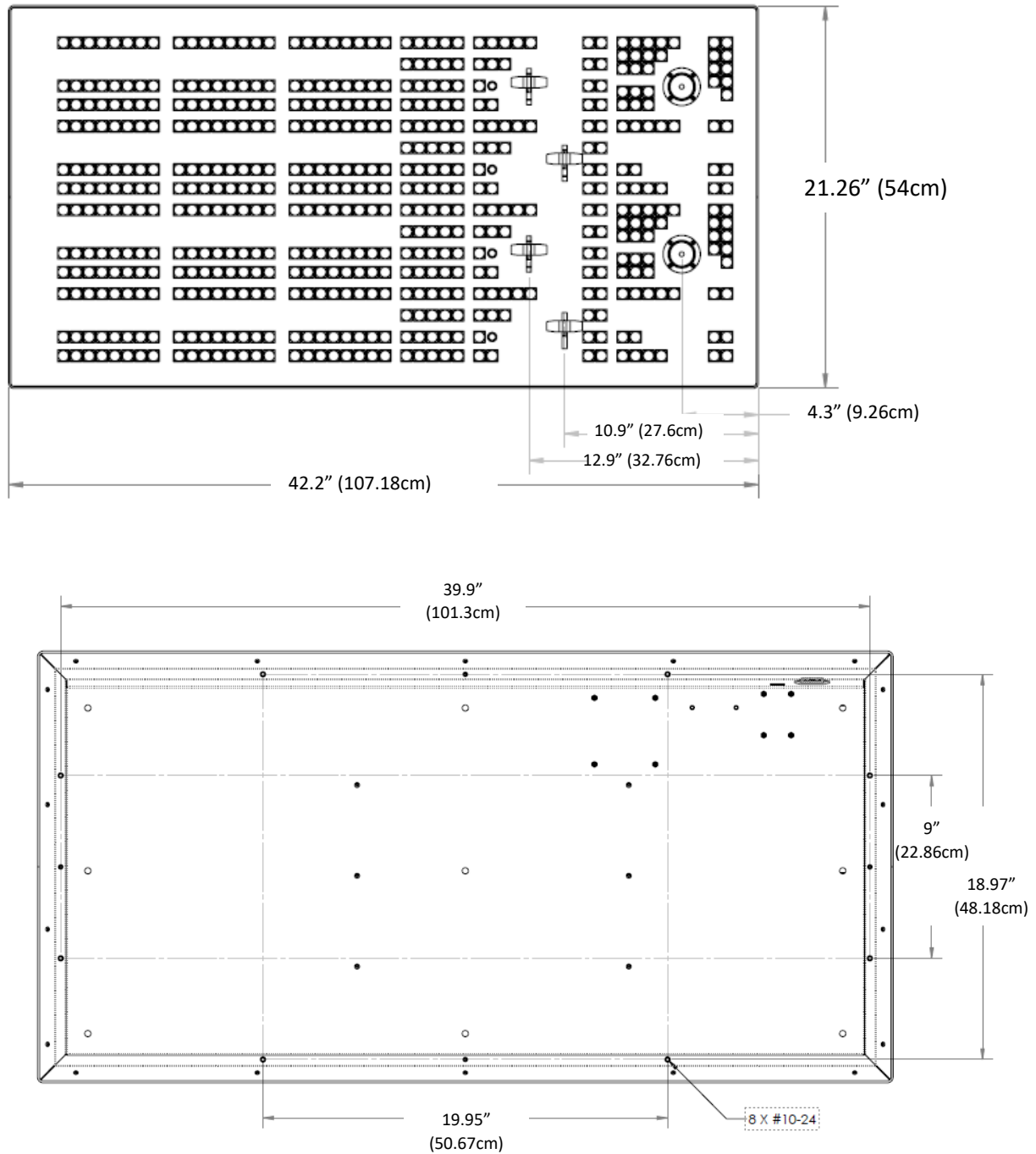
NewTek 4-Stripe Control Panel

The VMC1 4S Control Panel is suitable for tabletop operation and also includes a 1/2" (~1.27 cm) rabbet on all four sides of the panel surface for fixed installation into a supporting structure.

When embedding the base in the cutout for fixed installation, ensure that the supporting structure does not block access to the AC power connection and network port at the rear left.



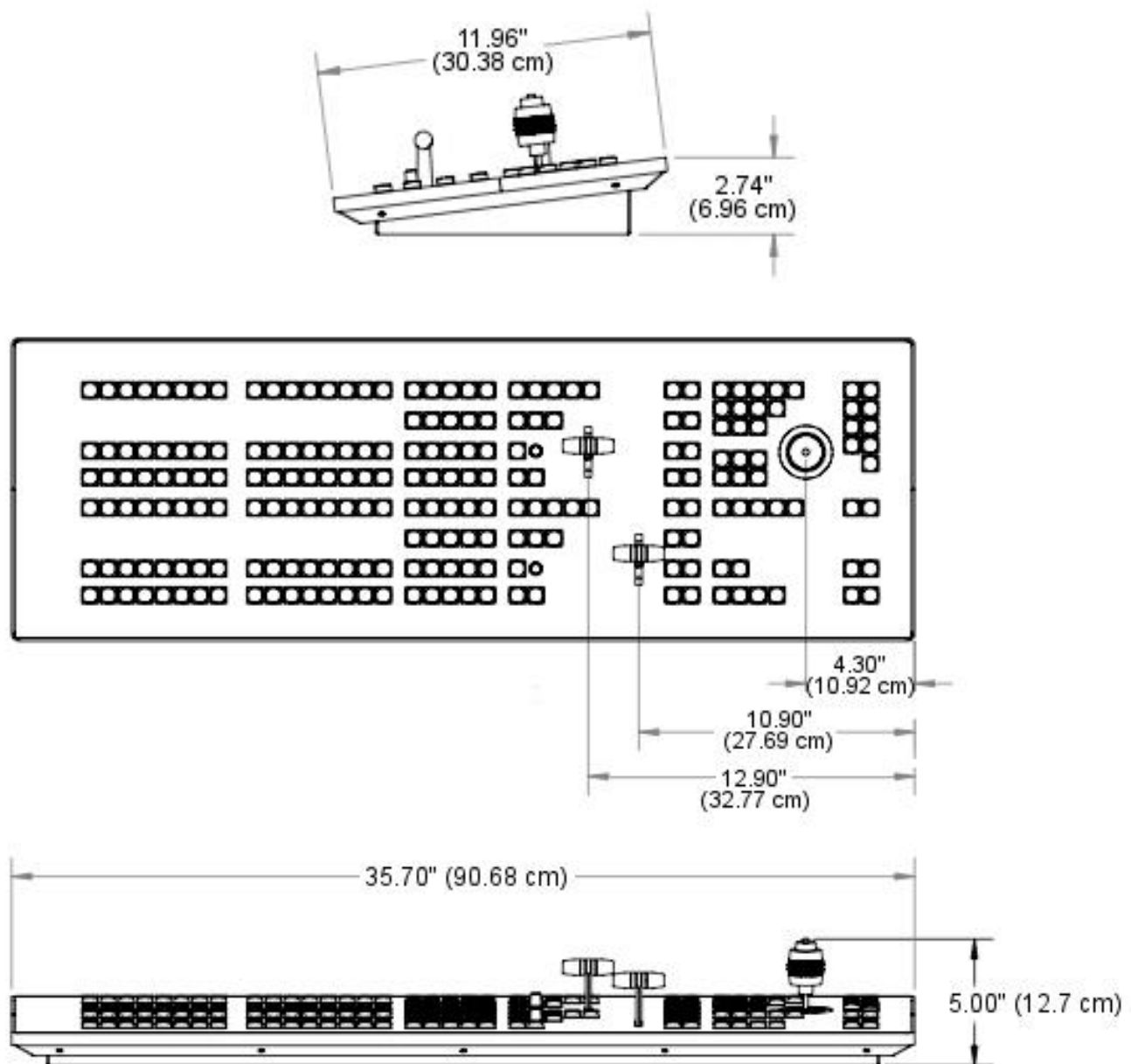
NewTek 4-Stripe Control Panel cont....



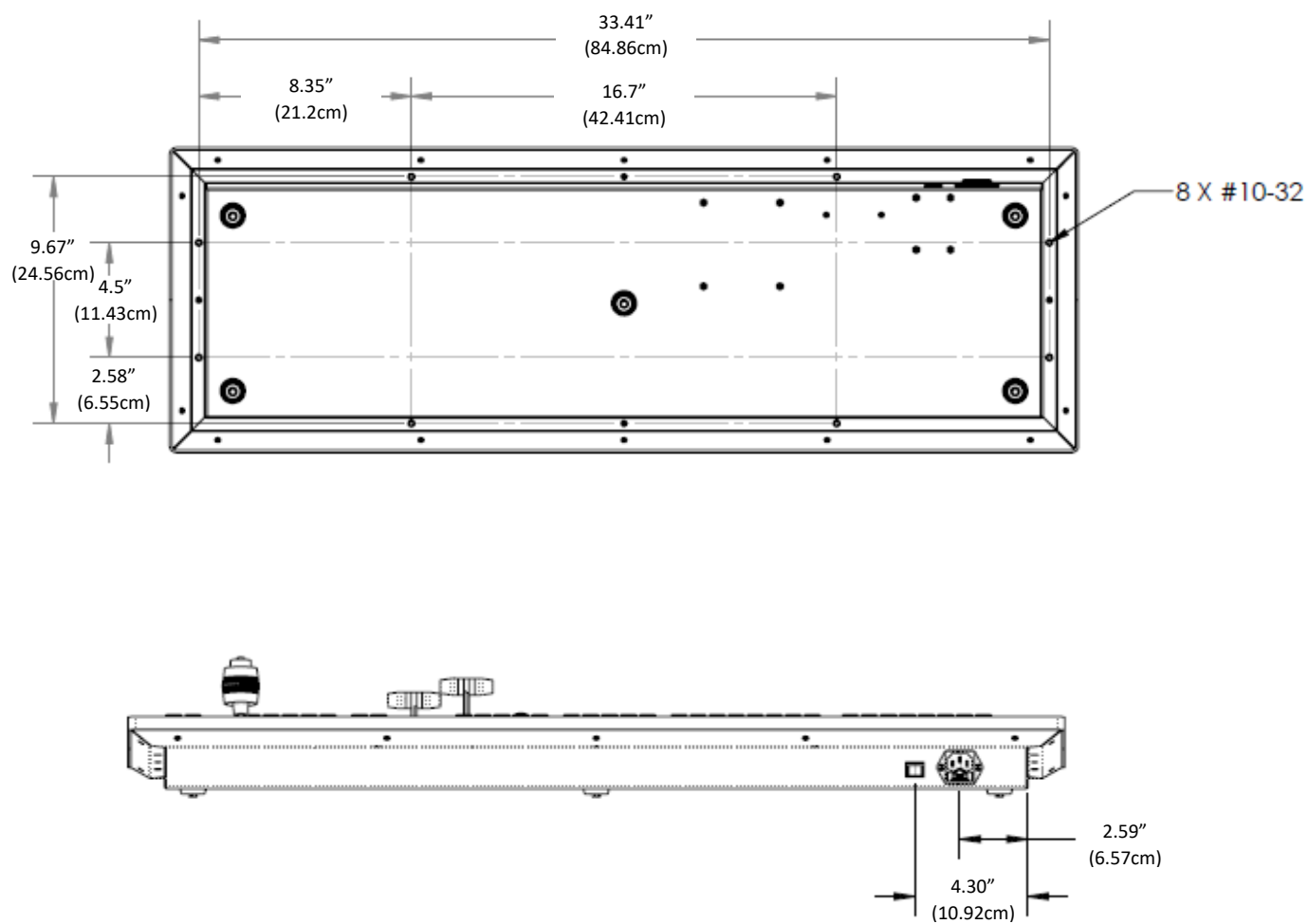
NewTek 2-Stripe Control Panel

The VMC1 2S Control Panel is suitable for tabletop operation and also includes a 1/2" (~1.27 cm) rabbet on all four sides of the panel surface for fixed installation into a supporting structure.

When embedding the base in the cutout for fixed installation, ensure that the supporting structure does not block access to the AC power connection and network port at the rear left.



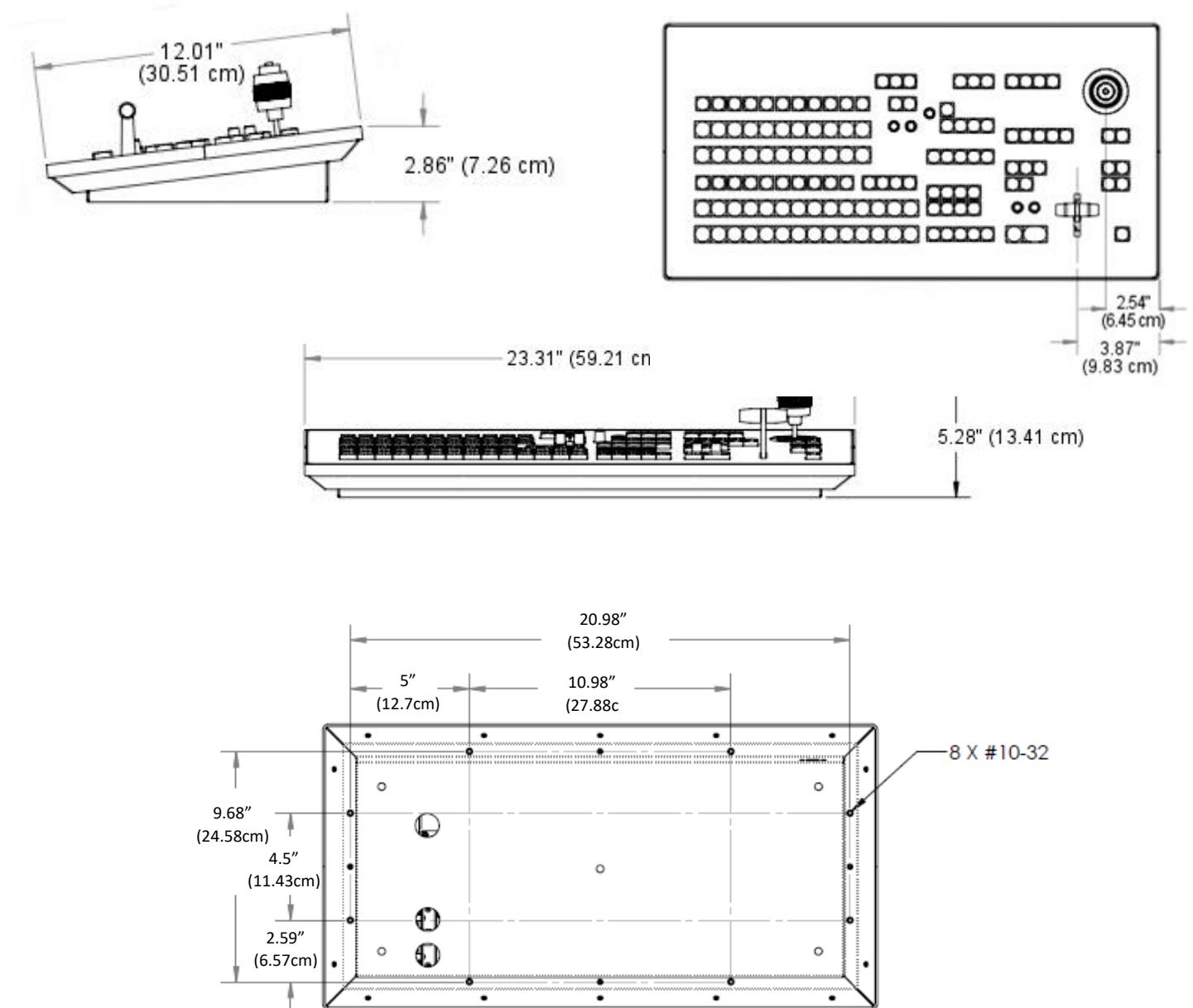
NewTek 2-Stripe Control Panel cont...



TriCaster TC1SP Control Panel

The TriCaster TC1SP Control Panel is suitable for tabletop operation and also includes a 1/2" (~1.27 cm) rabbet on all four sides of the panel surface for fixed installation into a supporting structure.

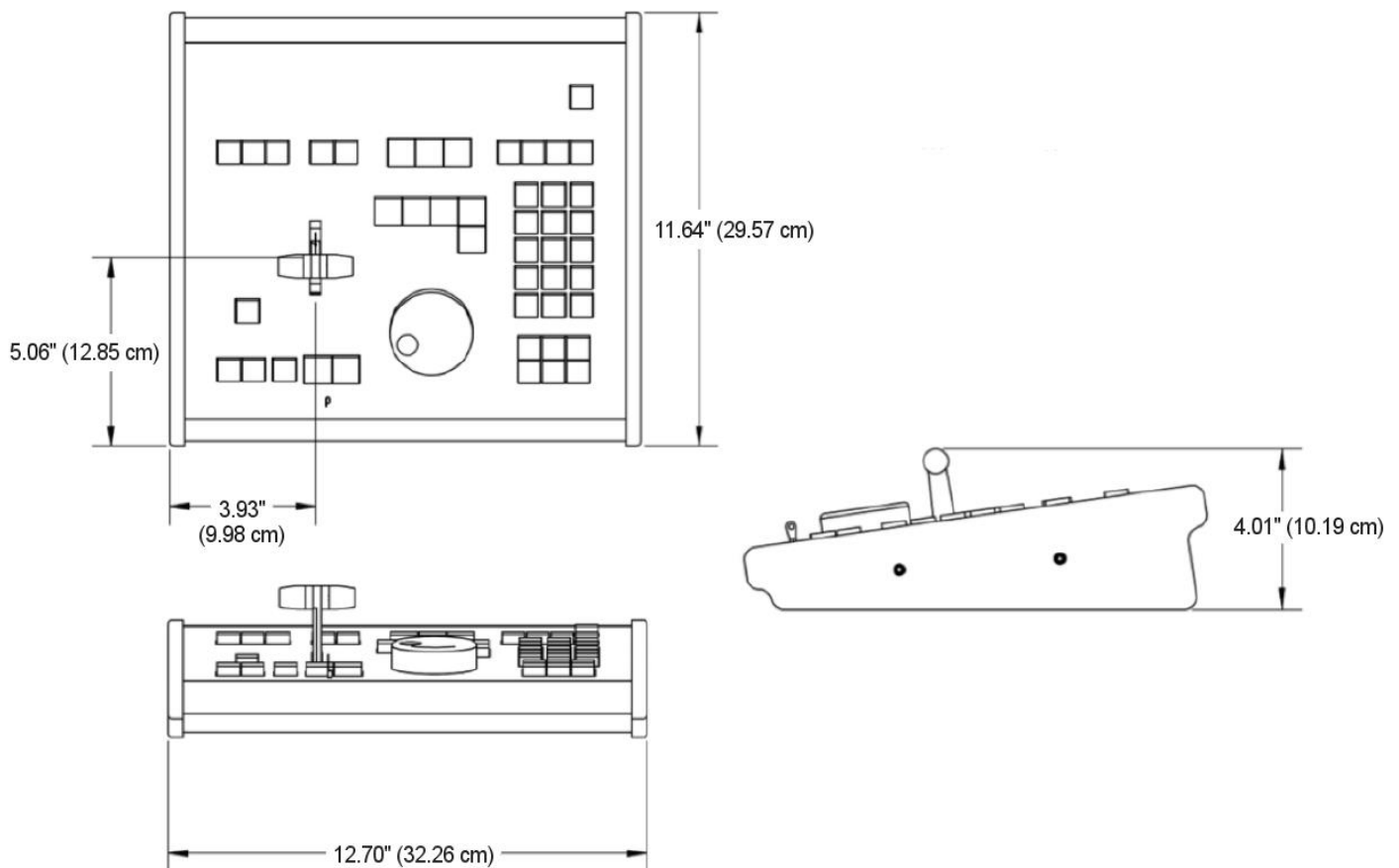
When embedding the base in the cutout for fixed installation, ensure that the supporting structure does not block access to the USB port at the rear left.



3Play 3P1 & 3P2 Control Panel and 3Play 4800.

The control panel hardware for 3Play 3P1, and 4800 is suitable for tabletop operation and also includes a 1/2" (~1.27 cm) rabbet at the front and rear of the panel for fixed installation into a supporting structure.

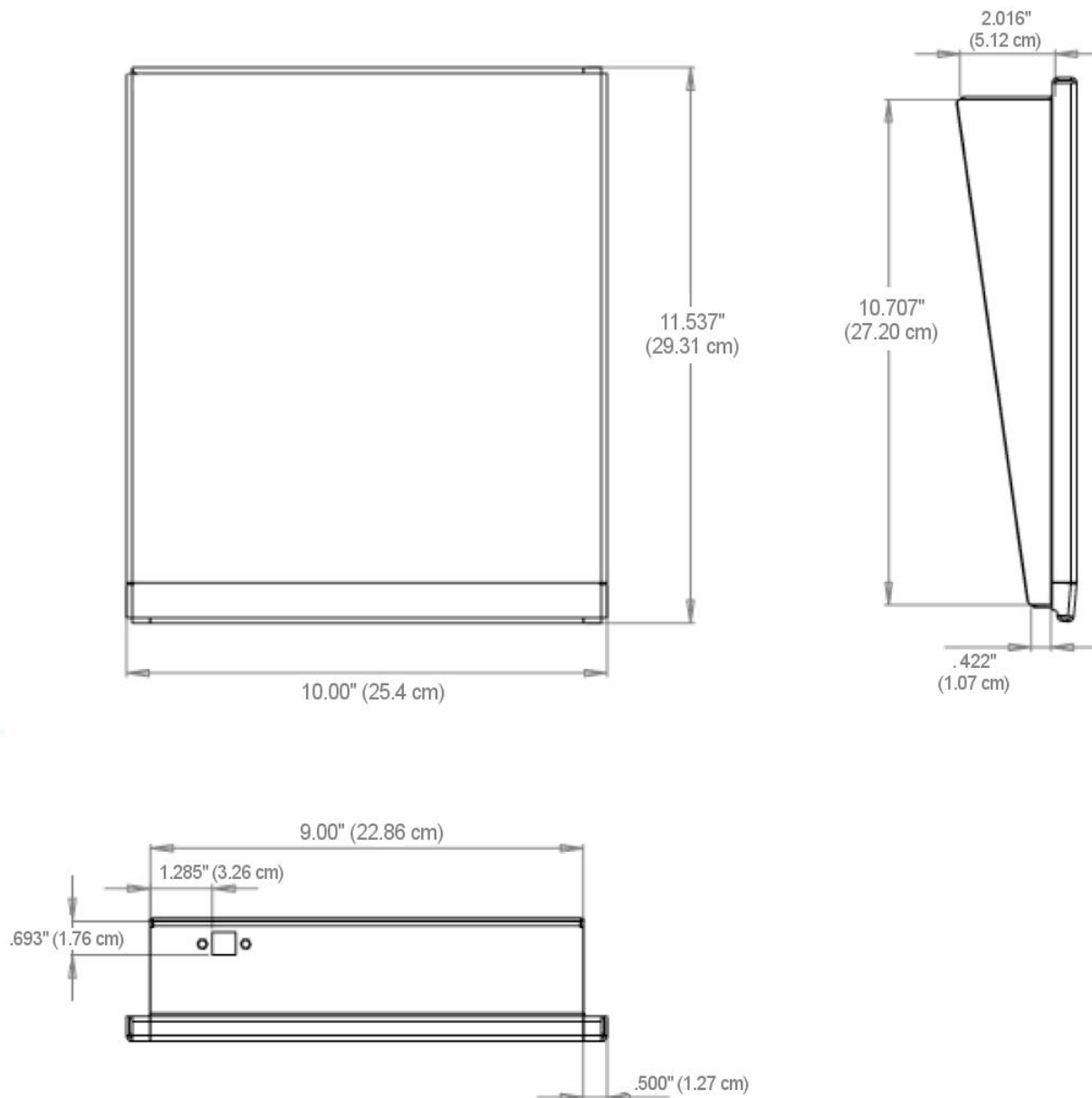
When embedding the base in the cutout for fixed installation, ensure that the supporting structure does not block access to the USB port at the rear left.



3Play 425 CS & TriCaster 850 TW

The 3Play 425 CS and TriCaster 850 TW are suitable for tabletop operation and also include a rabbet on all four sides of the panel surface for fixed installation into a supporting structure. The rabbet is approximately 5/16" (~.8 cm) at the front and rear, and approximately 1/2" (~1.27 cm) at the sides.

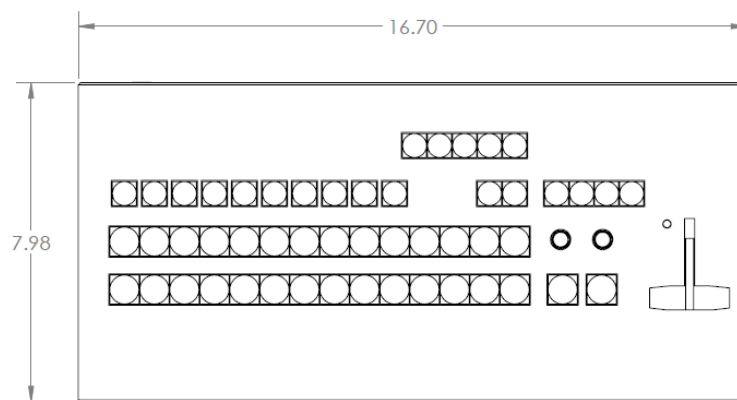
When embedding the base in the cutout for fixed installation, ensure that the supporting structure does not block access to the USB port at the rear left.



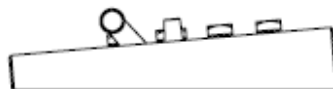
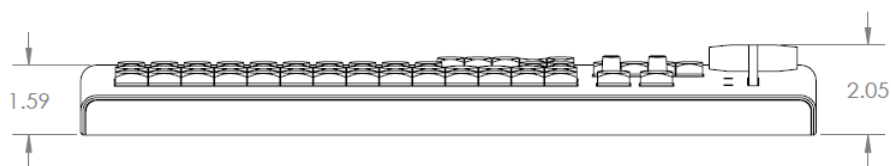
TriCaster Mini CS & TriCaster 40 CS

The TriCaster Mini CS and TriCaster 40 CS are suitable for tabletop operation. Intended for portable use, the panel does not include a rabbet for fixed installation, however countersinking into a supporting structure is still possible.

When embedding the base in the cutout for countersinking, ensure that the supporting structure does not block access to the USB port at the rear left.



SECTION A-A

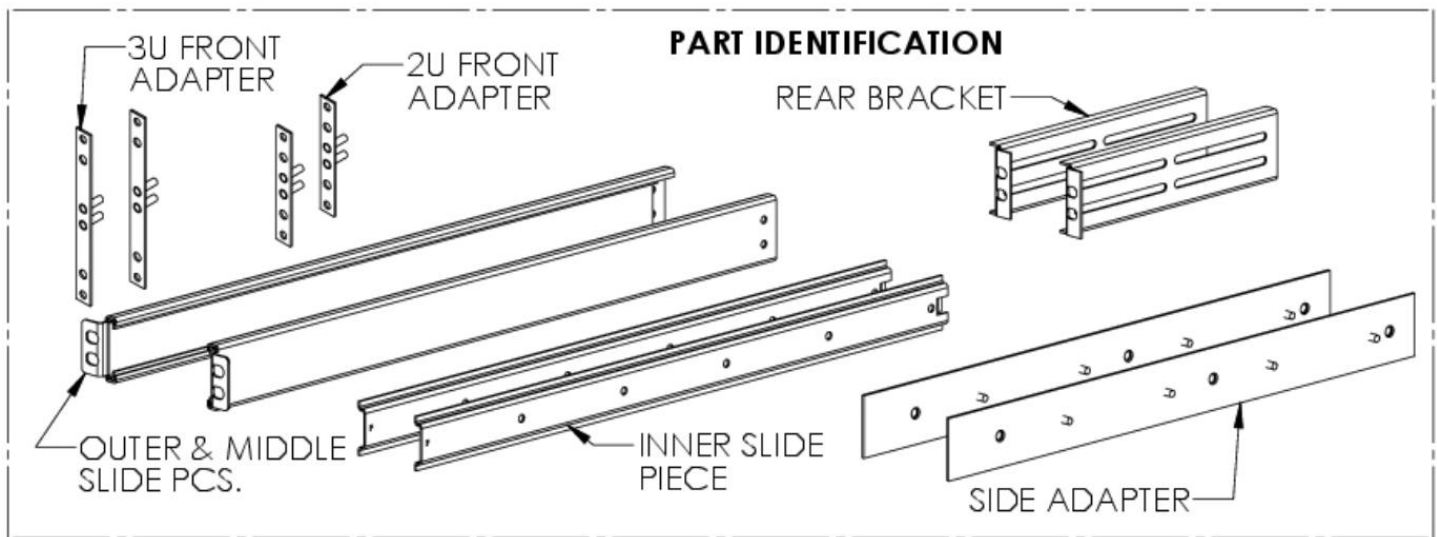


Rack Slide Rail Kit – 3RU & 2RU

NewTek offers custom rack slide rail kits from FEC Mount World designed to permit secure mounting of applicable systems in standard 19" rack architecture.

The rack slide rail kit for 3RU and 2RU chassis is compatible with systems to include the NewTek IP Series Video Mix Engine (VMC1R) and Studio Expansion Module (VMC1 OUT), TriCaster® TC1 and TC1R, and 3Play® 3P1 and 3P1R.

All hardware required for installation is included. Components are suitable for standard EIA rack architecture, 3RU or 2RU cabinet height, and rail depth from 20.5 to 26 inches (52.07 to 66.04 cm).



HARDWARE

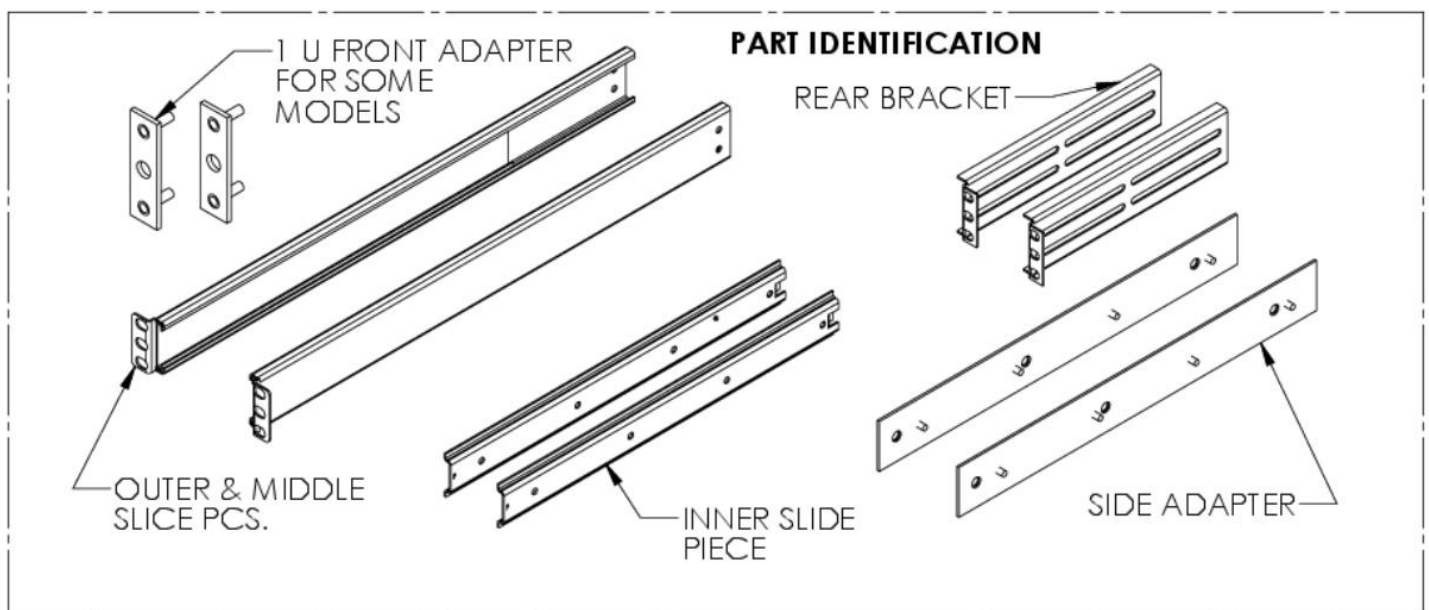
- (4) 8-32 x 3/8" SCREW
- (4) 8-32 KEPS NUT
- (12) 10-32 x 5/8" TRUSS HD SCREW (BO)
- (8) 10-32 KEPS NUT
- (8) 8-32 HEX NUT
- (6) 4MM X 8MM FLAT HEAD SCREW

Rack Slide Rail Kit – 1RU

NewTek offers custom rack slide rail kits from FEC Mount World designed to permit secure mounting of applicable systems in standard 19" rack architecture.

The rack slide rail kit for 1RU chassis is compatible with systems to include the NewTek Studio I/O Module (NC1 I/O), Studio I/O IP Module (NC1 I/O IP) and Studio Input Module (NC1 IN), TalkShow® VS 4000 and VS 100, MediaDS™, and NVG1 NewTek-Vizrt IP Graphics Server.

All hardware required for installation is included. Components are suitable for standard EIA rack architecture, 1RU cabinet height, and rail depth from 18.25 to 25 inches (43.36 to 63.50 cm).



HARDWARE

- (4) 8-32 x 3/8" FLAT HEAD (UC) SCREW
- (4) 8-32 KEPS NUT
- (4) 10-32 x 5/8" TRUSS HD SCREW (BO)
- (4) 10-32 x 1/2" PAN HD SCREW
- (2) 6-32 x 1/2" SCREW (BO)
- (4) 6-32 KEPS NUT
- (8) 8-32 HEX NUT
- (6) 4MM X 8MM FLAT HEAD SCREW

Rack Rails – 4RU & 2RU

NewTek also offers rack rails for 4RU and 2RU systems that are designed to permit secure mounting of applicable systems in standard 19" rack architecture. This kit is compatible with systems to include NewTek TriCaster® 8000, 460, and 410; 3Play® 4800, 440, and 425; and legacy 4RU and 2RU products.

All hardware required for installation is included. Components are suitable for standard EIA rack architecture, 4RU or 2RU cabinet height, and rail depth from 20 to 24 inches (50.80 to 60.96 cm).