

PXSOUND™
Tx14
Intelligent Point Source



USER MANUAL
v1.0

Table of Contents

1. Important Safety Information.....	1
1.1 Additional Power Safety Instructions.....	2
2. Approvals	3
2.1 EU Declaration of Conformity & CE Marking:	4
3. Power Requirements.....	5
3.1 Voltage & Current Requirements	5
3.2 AC Input Connectors	5
3.3 Electrical Safety	6
3.4 Environmental Constraints	6
4. Rigging	7
4.1 Rigging Overview.....	7
4.2 Eye Bolt Rigging.....	9
4.3 Pole Mounting.....	11
4.4 Pipe Clamp Mounting	11
4.5 Tx26 + Tx14 Flight Adapter Site Angles	12
4.6 Tx14 U-Bracket	12
4.7 Tx14 Yoke	13
4.8 Yoke Rigging – Suspended Mount.....	14
4.9 Yoke Rigging – Supported Mount.....	15
5. .dynamics Remote Software.....	17
5.1 Prerequisites.....	17
5.2 Installation Procedure.....	17
5.3 Updates.....	17
5.4 User Manual.....	17
6. Local Control	18
6.1 Tx14 Menu Map	18
6.2 DSP Adjustments	19
6.3 Tx14 Settings Descriptions.....	19
6.4 Operation Status Alerts	20
7. Amplification & Audio	21
7.1 Overview	21
7.2 .dynamics Audio Functions	21
7.3 Status Monitoring.....	21
7.4 Thermal & Electrical Protections.....	21
8. Connectivity	23
8.1 Audio Connectors	23
8.2 Cabling Recommendations.....	24
9. Transportation.....	26
9.1 Covers	26
10. Care & Cleaning.....	27
11. Specifications	28
12. Dimensions	29

1. Important Safety Information

1. Read all instructions thoroughly and keep this manual close at hand.
2. Do not use this module near water.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions and local authority having jurisdiction.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Use a proper polarized or grounding-type plug. If the provided plug does not fit into your outlet, consult an electrician.
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
8. Only use attachments/accessories specified by the manufacturer.
9. Use only with the Cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the module. When using a Cart, use caution when moving the Cart/module combination to avoid injury from tip-over.
10. Unplug this module during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged; liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture; does not operate normally; or has been dropped.
12. The means of disconnection from the live power source is the chassis power connector or main plug. One of these devices must remain accessible when the apparatus is in use.



CAUTION: Do not open the back shell of amplifier assembly. No user-serviceable parts inside. Refer servicing to qualified service personnel. Email support@pksound.ca for service.



WARNING: Failure to follow the instructions in their entirety could result in serious injury or death. Follow all local safety practices and due diligence in ensuring safe working conditions while using the Tx14.



WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.



1.1 Additional Power Safety Instructions

The unit must be powered exclusively by an earth-connected mains socket within an electrical network compliant with IEC 364 or similar local regulations. The user must verify this fundamental safety requirement. If in doubt, consult qualified personnel to inspect the installation before use.

The means of disconnection from the mains is the mains plug. We strongly recommend that you power the unit from a professionally installed mains supply with an easily accessible on/off switch or circuit breaker.

Before powering the unit via the Neutrik® powerCON TRUE1 connector, make sure that the unit is supplied with the correct mains operating voltage:

100 – 240 VAC, 50 – 60 Hz, minimum 12.5 A capacity.

Only power the unit using an input supply cable rated as follows:

- 110-130 VAC: 15 A or higher rated cable
- 200-240 VAC: 20 A or higher rated cable

Only power the unit using a circuit with sufficient load capacity:

- 110-130 VAC: 15 A or higher rated circuit
- 200-240 VAC: 20 A or higher rated circuit

The power section is protected by two non-user serviceable fuses:

- Type 5HT 10 A 250 V Slow Blow

Power Consumption for 1 Unit, No Passthrough Devices Connected: 220 W

Do not exceed 1220 W on passthrough connector @ 120 VAC.

Do not exceed 2276 W on passthrough connector @ 208 – 240 VAC.



CAUTION: Do not block or restrict airflow from the front of the module, doing so will negatively impact performance of the unit.



WARNING: Do not use this unit if the electrical power cord is frayed or broken.



WARNING: Never spray water directly into the front of the module, doing so will expose electronic components to moisture and damage the internal equipment.

2. Approvals

Safety & Compliance:

CSA22.2 No. 62368-1:14

UL 62368-1

IEC 62368-1

EN 61000-4-2 - Electrostatic Discharge EN 61000-4-3 - Radiated Immunity EN 61000-4-4 - EFT EN 61000-4-5 - Surge EN 61000-4-6 - Conducted Immunity EN 61000-4-8- Power Line Magnetic Fields EN 61000-4-11- Voltage dips, short interrupts EN 61000-3-2/3 - Current Harmonics & Voltage Fluctuations FCC18/ICES-001/BSMI/VCCI/EN 55011 - Class A Conducted Emissions FCC18/ICES-001/BSMI/VCCI/EN 55011 - Class A Radiated Emissions Reports: BSMI, VCCI, FCC15, ICES-001, BS/EN55011 & EN61326-1

Environmental:

IP54

Mechanical Strength:

The Tx14 rigging system complies with structural standards EN 1993, EN 1999, and has been designed following the regulations of DGUV V17 (BGV-C1).

European Machinery Directive 2006/42/EC

DIN EN 1993-1 Eurocode 3

DIN EN 1999-1 Eurocode 9

Risk Assessment:

DIN EN 12100

Country of Origin:

Canada

This is a Class A product. In a domestic environment, this product may generate electromagnetic interference (EMI) in other products, requiring the user to take mitigative efforts.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

2.1 EU Declaration of Conformity & CE Marking:

This declaration applies to the following products manufactured by PK Sound Corp. and includes all types listed below.

Product Name:

- Tx14 (903-0006)

We herewith declare that said products are in conformity with the provisions of the following EU directives, including all applicable amendments:

2014/35/EU, LVD Directive

- EN 62368-1 2014

2014/30/EU, EMC Directive

- EN 55103-1:2009 +A1:2012
- EN 55103-2:2009

2011/65/EU, RoHS Directive

- EN 63000:2018

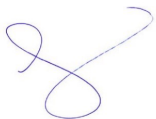
2006/42/EC, European Machinery Directive

- Tx14 U-Bracket (923-0006)
- Tx14 Yoke (923-0008)
- Tx14 / Tx26 Flight Adapter (923-0005)
- Tx Pole Mount Adapter (023-0003)
- Tx Coupler (923-0004)

Manufacturer:

PK Sound Corp.
235075 Ryan Rd.
Rocky View, Alberta, Canada
T1X 0K3
www.pksound.live

All production versions of these types are included, provided they correspond to the original technical version and have not been subject to any later design or electromechanical modifications. PK Sound Corp. accepts responsibility for this declaration.



Jeremy Bridge P.Eng
CEO

Signed Jan. 1, 2025, in Rocky View, Canada

3. Power Requirements

3.1 Voltage & Current Requirements

The Tx14 operates safely and continuously with a supplied mains input between 100-240 VAC at 50 or 60 Hz. The loudspeaker allows any combination of voltage to ground (neutral-line-ground or line-line-ground). If the voltage rises above 275 V, the power supply could become damaged.



CAUTION: To ensure that Tx14 performs as specified, without interruption, and without damage to its power supply, its power source must operate within the required voltage window (100–240 VAC) and its AC cable length and gauge must be such that peak voltage drops do not exceed 5 percent of its voltage.

When Tx14 modules are powered from a three-phase power source, it is very important to keep a good balance in the load of each phase of the AC power. It is also necessary to include subwoofers, array sources, and other loudspeakers in any power distribution calculations.

3.2 AC Input Connectors

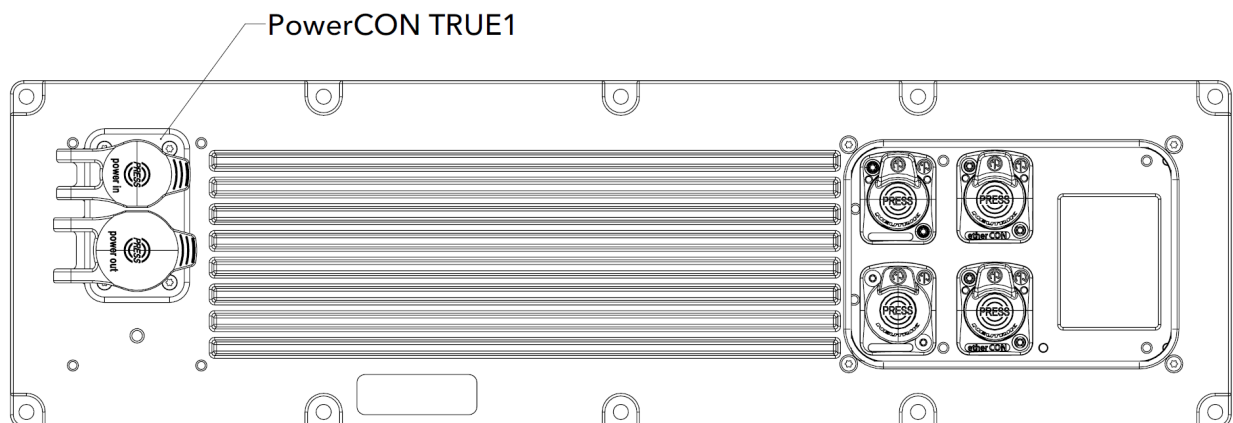
Each Tx14 module is provided with a Neutrik powerCON TRUE1 NAC3PX inlet-outlet to supply power and daisy chain other modules. The NAC3PX is rated for 16A.

The maximum recommended number of modules per circuit is as follows:

- 240 VAC, 20 A circuit: 12 Modules
- 208 VAC, 20 A circuit: 10 Modules
- 120 VAC, 20 A circuit: 6 Modules

Exceeding this limit may engage circuit breakers in high-output use cases.

The Neutrik powerCON TRUE1 connector is rated at IP65 when mated. Unmated connections are not rated.



3.3 Electrical Safety

Pay close attention to these important electrical and safety guidelines.

1. Tx14 requires a grounded outlet. Ensure the presence and functionality of the ground in connected circuits, as well as in all outlets and cables used.
2. Do not use a ground-lifting adapter or cut the AC cable ground pin.
3. Ensure the AC power cable for the loudspeaker has a power plug suitable for the operating region.
4. Do not operate the module if the power cable is frayed or broken.
5. Keep all liquids away from Tx14 modules to avoid hazards from an electrical shock.

3.4 Environmental Constraints



WARNING: Never spray water directly into the front of the module, doing so will expose electronic components to moisture and damage the internal equipment.

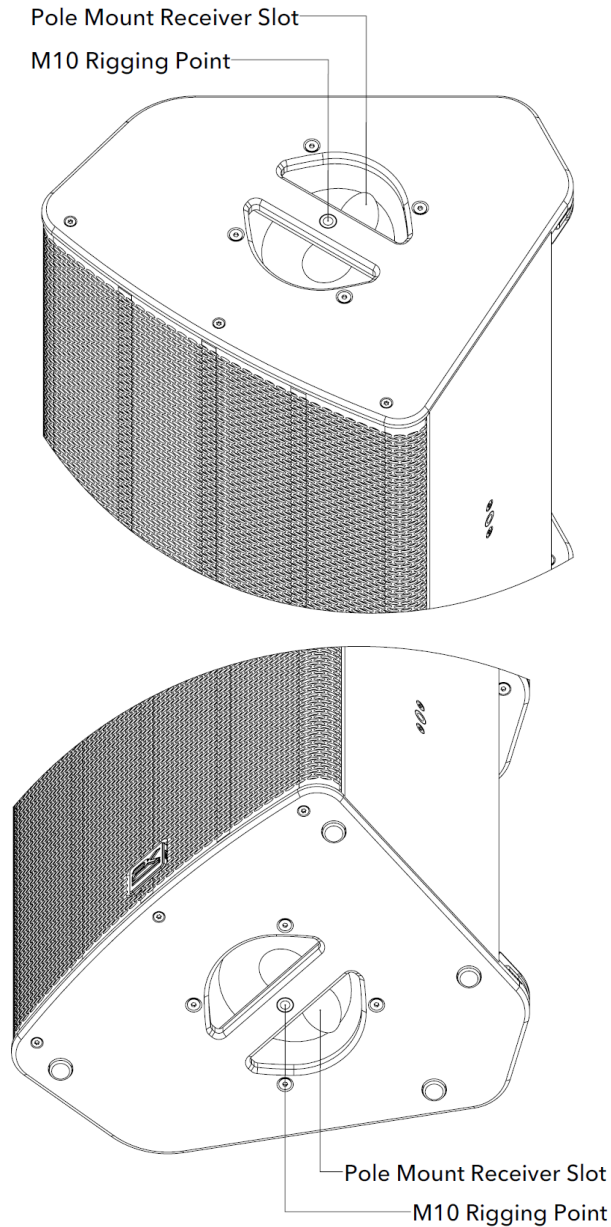


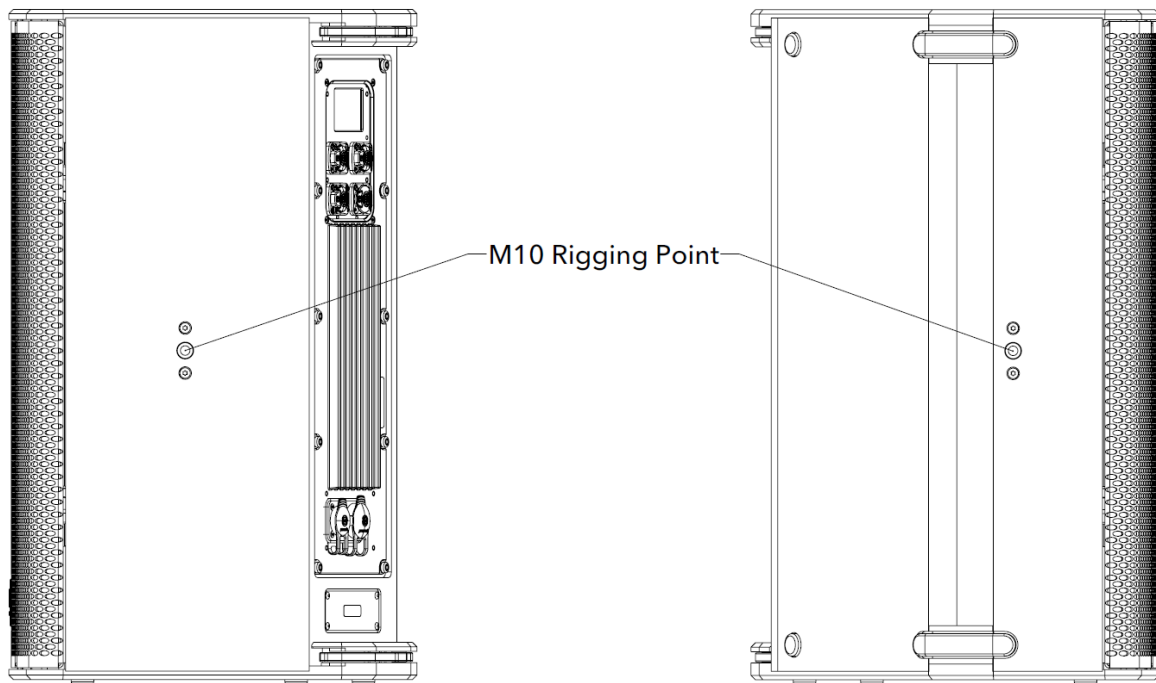
WARNING: Never disconnect, attach or interconnect cables when the cable or module is wet. In the event that the module becomes wet, the user must ensure all power has been removed prior to disconnecting or reconnecting.

4. Rigging

4.1 Rigging Overview

The Tx14 features an integrated 35mm pole mount receiver in the handles, along with four M10 points on the faces, enabling versatile configurations such as pole mounting, single-point suspension, and wall or ceiling mounting.





CAUTION: Do NOT hang speakers from handles. Use only designated rigging points.



CAUTION: Ensure all rigging components, including eye bolts, cables, and anchor points, are rated to support the total system weight and comply with local laws and safety regulations. Use only hardware that meets or exceeds the required load-bearing capacity.



CAUTION: Rigging lines must be secured to a load-bearing structural element (studs or joists) only. Do not attach to drywall or other non-structural materials.



CAUTION: Verify all rigging points are properly engaged before applying any load.

4.2 Eye Bolt Rigging

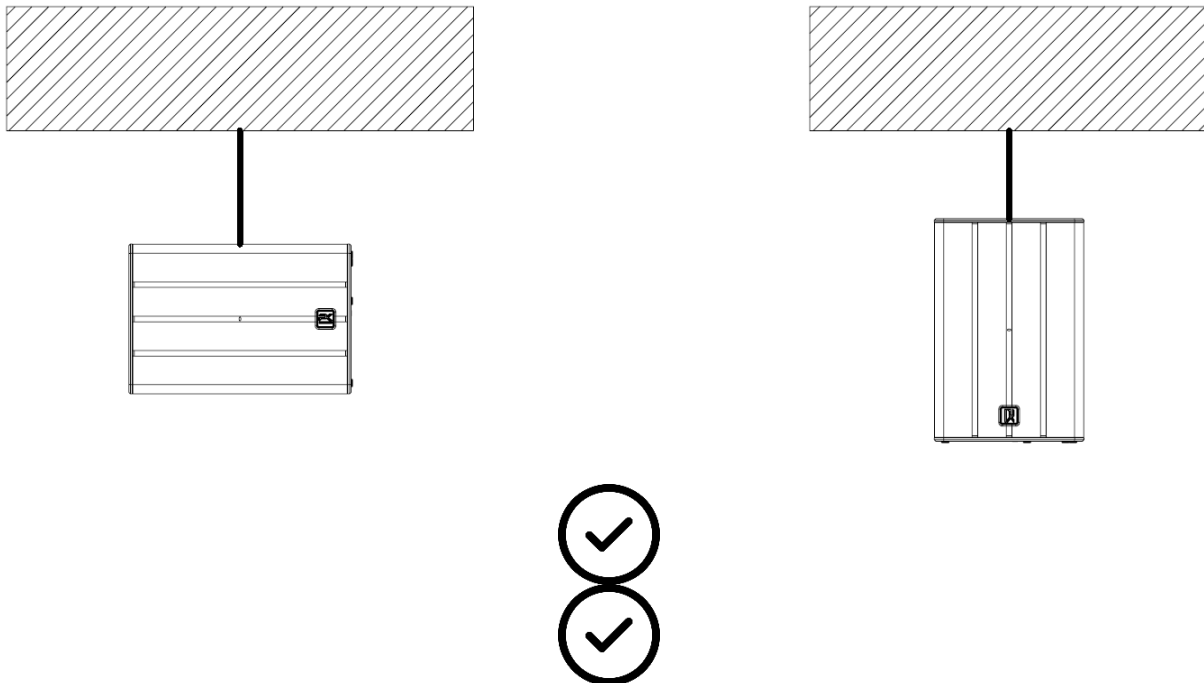
The Tx14 loudspeaker can be suspended using one or two M10 eye bolts. Utilizing two eye bolts allows for greater flexibility in adjusting the loudspeaker's angle and tilt, enabling more precise sound coverage.

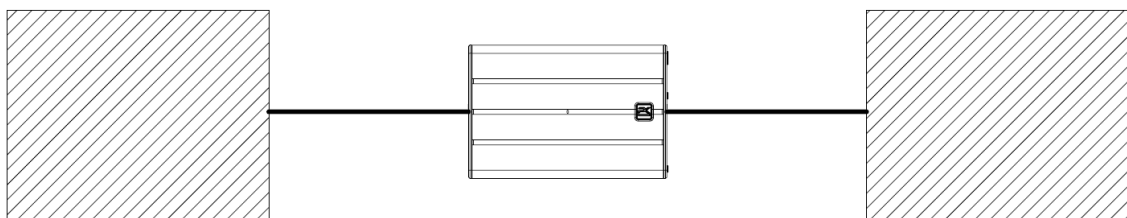
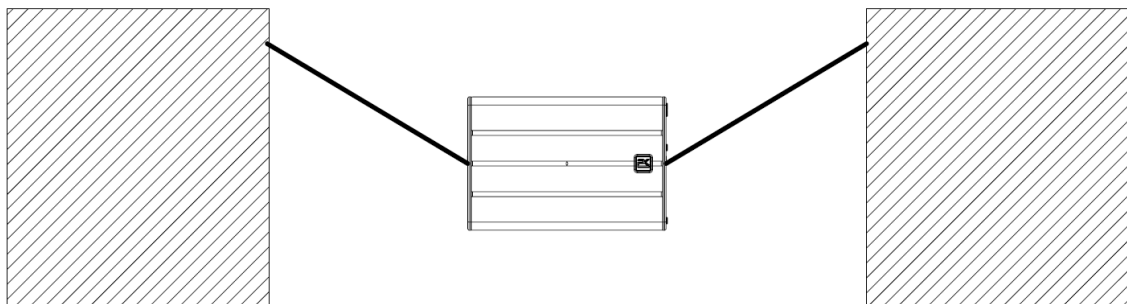
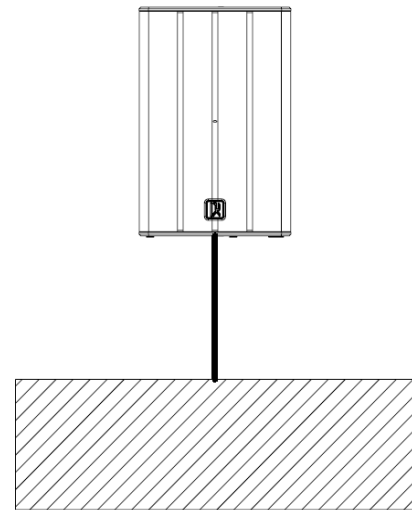
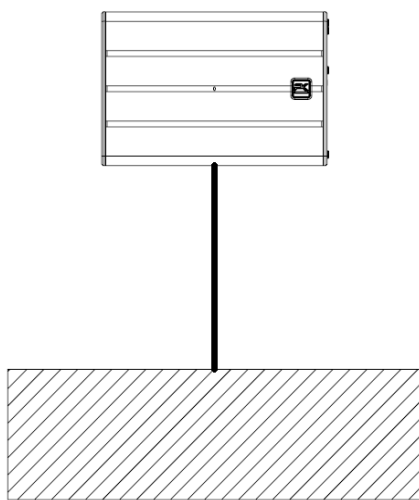
When installing the eye bolts, each bolt must be threaded into the M10 rigging points with a minimum of ten (10) full turns to ensure a secure connection. For optimal stability, it is recommended to continue threading the eye bolt until the loop surface is in full contact with the loudspeaker enclosure. The appropriate eye bolt size for use with the M10 rigging points ranges from M10 x 15mm to M10 x 20mm. For safety, only use eye bolts with a minimum load rating of 200 kg and ensure all rigging hardware is in good condition before installation.

For this application, PK Sound recommends using a Crosby M279 Metric Shouldered Eye Bolt, size M10 x 17mm (Stock No. 1045833).

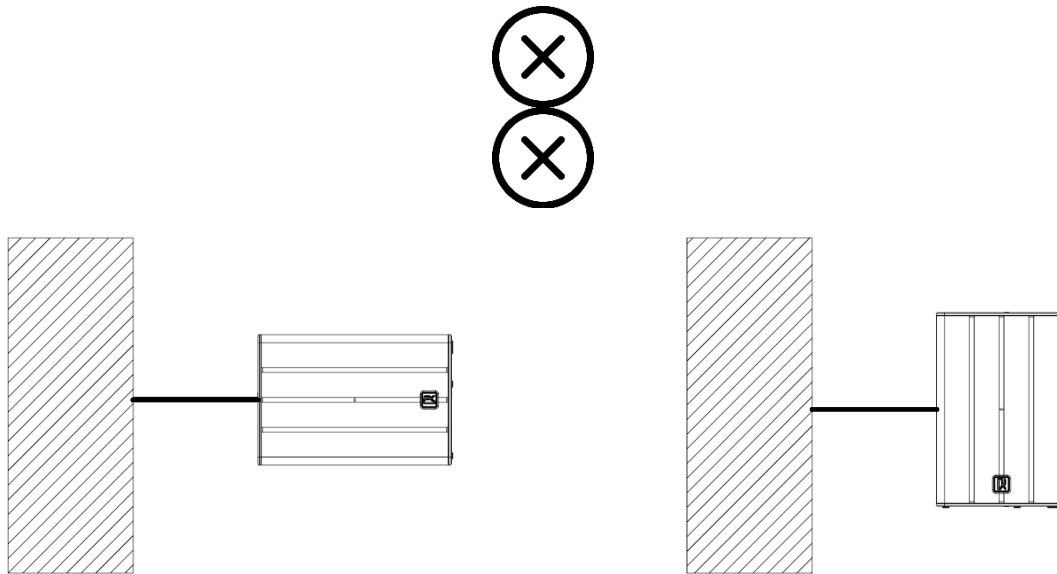
TIP: Confirm all bolts are tightened securely and use a removable, medium-strength thread locker on the M10 fastener threads. Always use a certified secondary safety cable when suspending the loudspeaker overhead.

Below are images illustrating approved rigging configurations using the M10 rigging points.





The images below show examples of unsafe rigging configurations using the M10 rigging points on the Tx14.



4.3 Pole Mounting

The Tx14 loudspeaker can be mounted on a pole using the 35mm pole mount receiver integrated within either handle. This allows for quick and secure installation on standard speaker stands or poles. The pole must be inserted at least 100 mm (3.9 in) into the loudspeaker, measured from the outer face of the enclosure at the receiver being used, not from the top of the receiver slot. Insufficient engagement compromises the stability of the mount and may cause the loudspeaker to tip or fall.

4.4 Pipe Clamp Mounting

The Tx14 loudspeaker can be mounted to a truss or pipe using a compatible pipe clamp secured to the M10 rigging point. The pipe clamp must be fastened using an M10 bolt not exceeding 20 mm in length from the pipe clamp. A lock washer should always be used between the clamp and M10 rigging point to ensure a secure, vibration-resistant connection to the loudspeaker enclosure. For safety, only use pipe clamps with a minimum load rating of 200 kg and ensure all rigging hardware is in good condition before installation.

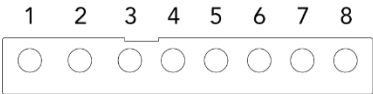
For this application, PK Sound recommends one of the following accessories:

Global Truss Narrow Clamp (CLM0534) or Global Truss Pro Clamp (CLM0560).

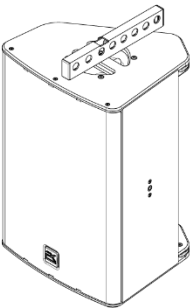
TIP: Confirm all bolts are tightened securely and use a removable, medium-strength thread locker on the M10 fastener threads. Always use a certified secondary safety cable when suspending the loudspeaker overhead.

4.5 Tx26 + Tx14 Flight Adapter Site Angles

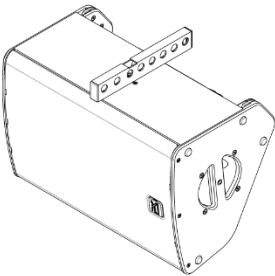
Tx26 + Tx14 Flight Adapter
Rigging Holes



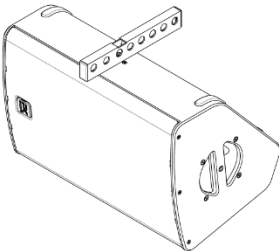
Vertical Hang



Horizontal Hang 1



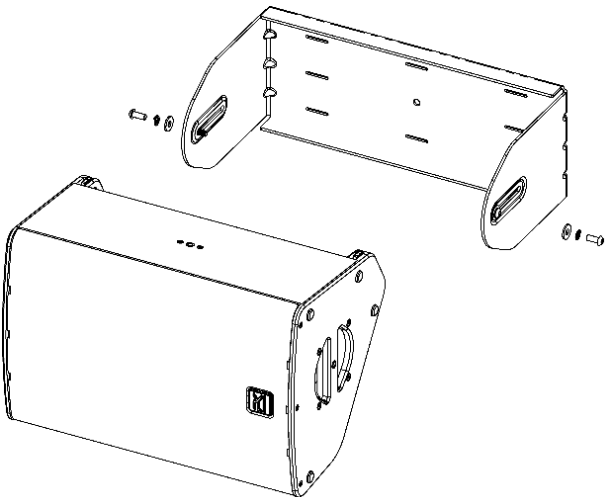
Horizontal Hang 2



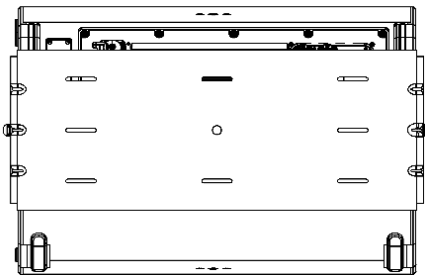
Rigging Hole	Vertical Hang	Horizontal Hang 1	Horizontal Hang 2
1	+15	+22.5	+25
2	+7.5	+12	+16.5
3	0	0	+6.5
4	-6.5	-10.5	-2.5
5	-13	-21	-12
6	-19	-31	-21
7	-25	-40	-29.5
8	-30	-46	-37

4.6 Tx14 U-Bracket

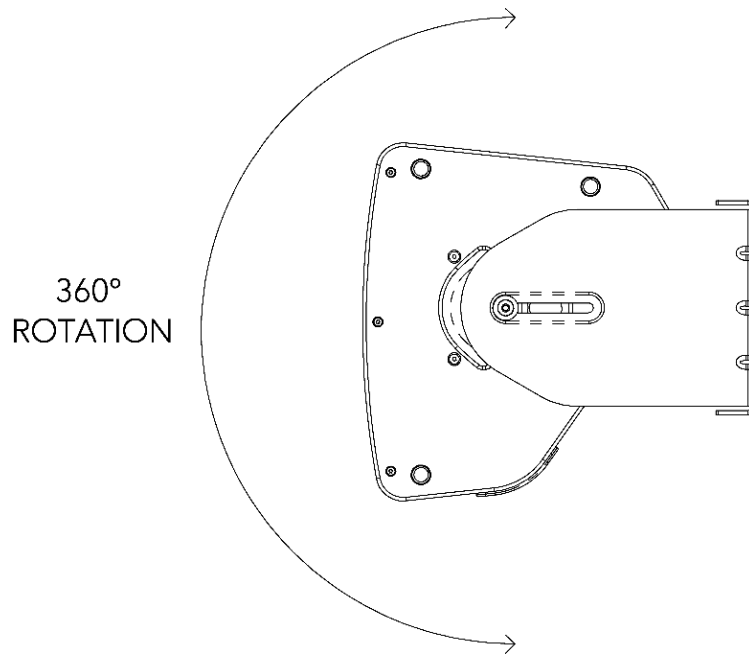
The Tx14 U-Bracket enables mounting the Tx14 speaker securely to a flat surface, allowing it to rotate around its vertical axis. It is designed for both indoor and outdoor use, provided the speaker is weather-protected in outdoor settings.



INSTALLATION

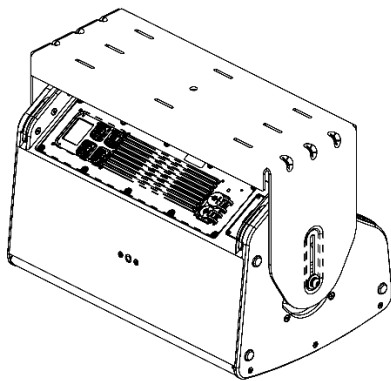


The Tx14 U-Bracket allows the speaker to safely rotate 360 degrees freely.

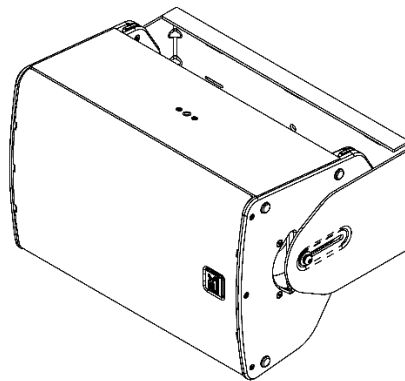


The U-Bracket supports multiple different mounting styles, as shown below.

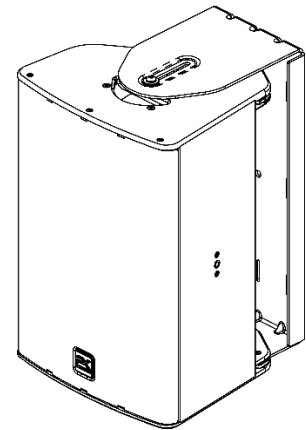
CEILING MOUNT



HORIZONTAL MOUNT



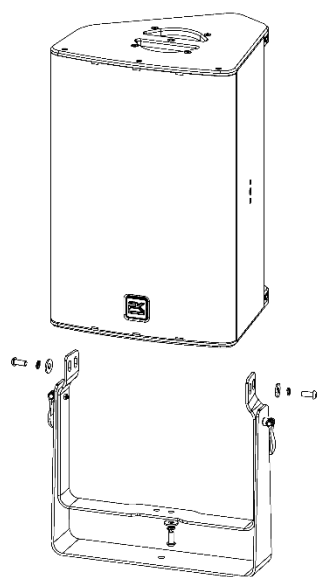
VERTICAL MOUNT



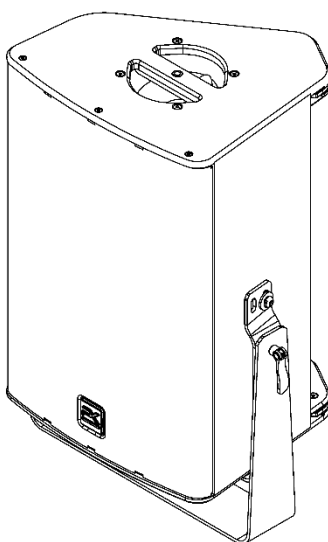
4.7 Tx14 Yoke

The Tx14 Yoke enables mounting the Tx14 speaker to a flat surface with rotation around two axes of rotation. It is suitable for both indoor and outdoor installations, provided the speaker is weather-protected in outdoor settings.

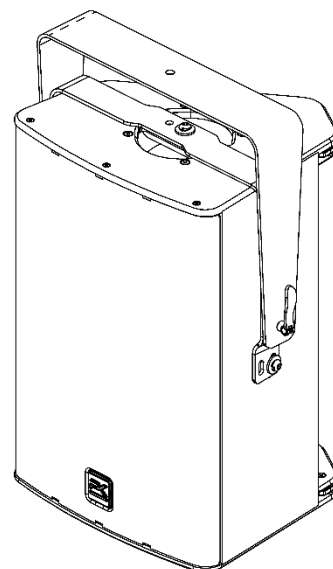
INSTALLATION



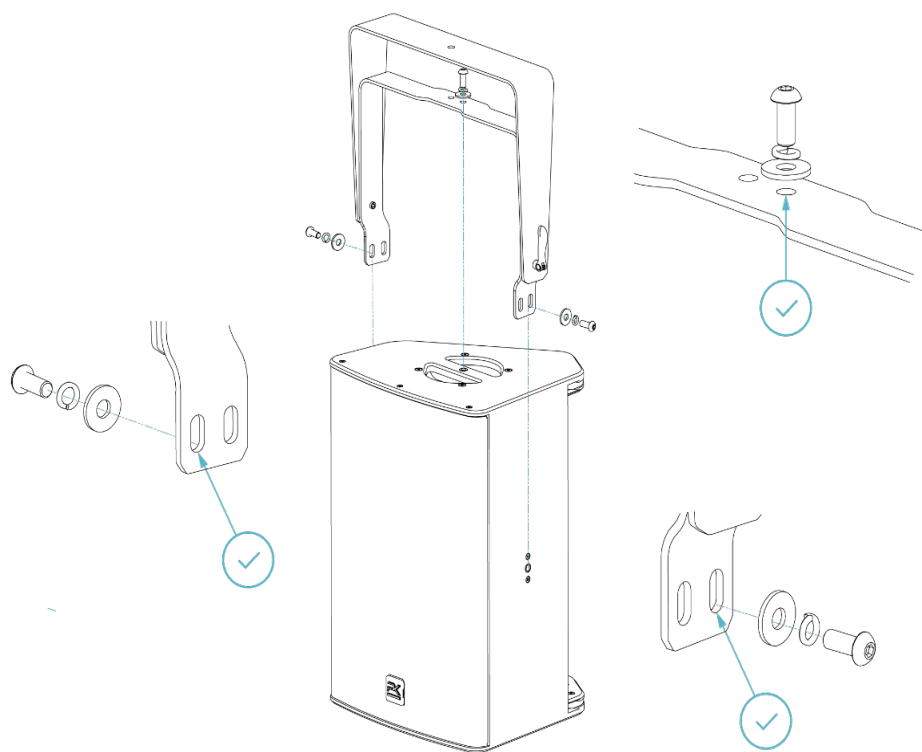
SUPPORTED MOUNT



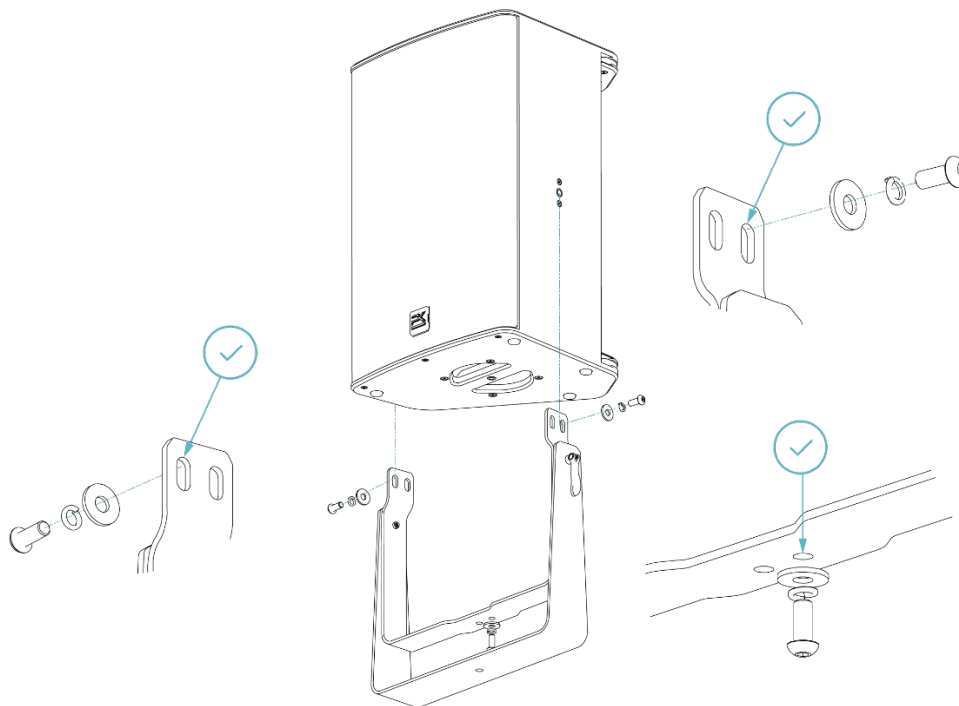
SUSPENDED MOUNT



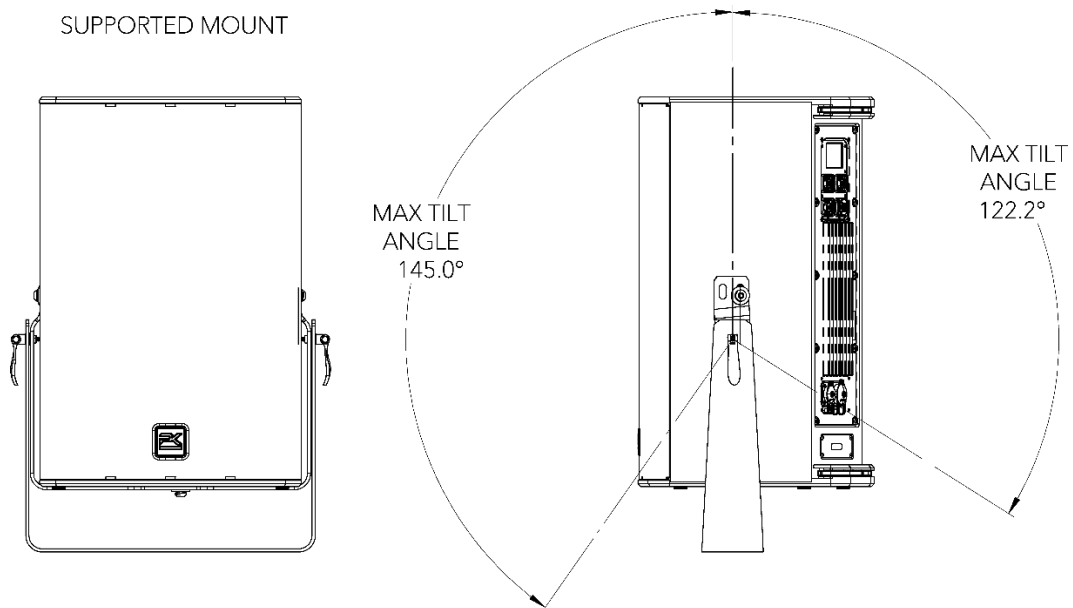
4.8 Yoke Rigging – Suspended Mount



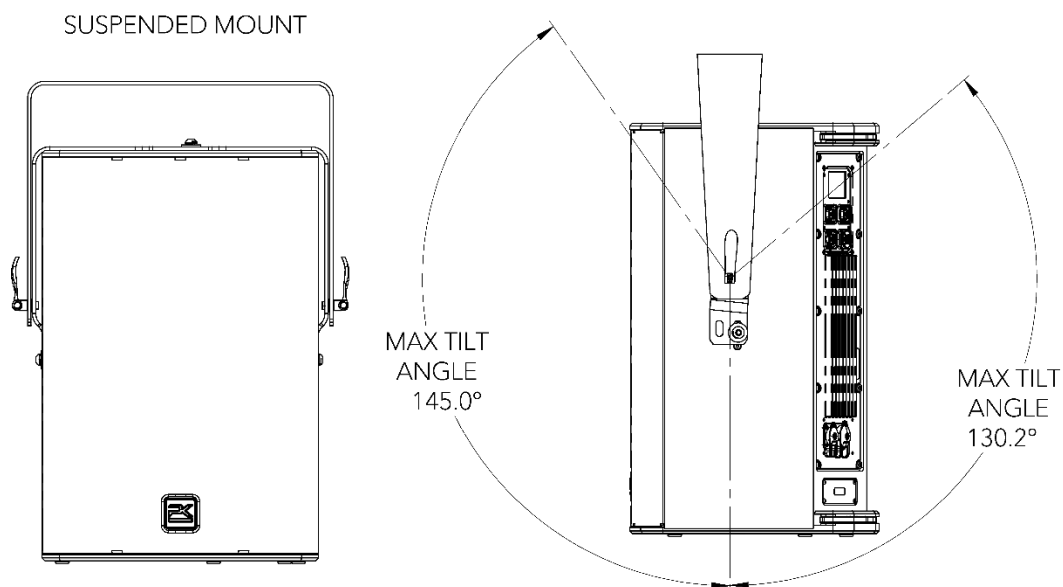
4.9 Yoke Rigging – Supported Mount



When in the **supported mount configuration**, the Tx14 Yoke allows the speaker to safely rotate freely from a 145.0 limit to 122.2-degree limit, as shown below.



When in the **suspended mount configuration**, the Tx14 Yoke allows the speaker to safely rotate freely from a 145.0 limit to a 130.2-degree limit, as shown below.



5. .dynamics Remote Software



WARNING: Never adjust the system while playing music or with any person or object within 2m of the loudspeaker.

5.1 Prerequisites

The .dynamics software is required to remotely manage your Tx14 modules and access the full range of its functionality.

5.2 Installation Procedure

The latest release of the .dynamics software can be downloaded at:

<https://pksound.live/product/dynamics>

5.3 Updates

.dynamics will automatically prompt the user to update to the latest released version if there is an internet connection available. Follow the in-app prompts to complete the update. The new version will be available upon relaunching the software.

5.4 User Manual

The **.dynamics** User Guide is included in every release of the software. To access it, download and install **.dynamics**, then select File > User Guide.

6. Local Control

If a computer with .dynamics is not available, or in case of a network error, it is possible to operate each Tx14 module through the LCD touchscreen user interface on the back of each module. Swiping left, right, up, down, or tapping the screen allows for navigation through the local control menu options.

6.1 Tx14 Menu Map

- DSP
 - Input Trim
 - Gain
 - [0.0 dB - 10.0 dB] $\pm$ 0.1 dB
 - Delay
 - [0 ms – 1000 ms] $\pm$ 50 ms
 - Mute
 - On
 - Off
 - Input
 - AES
 - Milan
 - Analog
- Settings
 - Network
 - Back
 - Service Note
 - Set
 - Edit
 - Back
 - LED Logo
 - Colour
 - [White, Red, Green, Blue, Orange, Yellow, Lime, Cyan, Purple, Pink, Glacial, Navy]
 - State
 - [On, Off, Blink]
 - Back
 - Screen
 - Backlight
 - Audio

- On
- Off
- Dark Mode
 - On
 - Off
- Portrait
 - On
 - Off
- Back
- About
 - Back

6.2 DSP Adjustments

DSP adjustments can be made using the local controls by selecting the *DSP* tab. The settings which can be adjusted are:

- Muting or unmuting the Tx14 module
- Adjusting gain from 0.0 dB to 10.0 dB in increments of 0.1 dB
- Adjusting delay from 0 to 1000 ms in increments of 50 ms
- Changing the input type to AES, Milan, or analog

6.3 Tx14 Settings Descriptions

Menu Item	Sub-Menu Item	Description
Network	-	Displays the current IP address, net mask, gateway, and MAC addresses.
LED Logo	State	Allows the user to change the PK logo light on the front of the Module to either ON, OFF, or BLINK.
	Colour	Allows the user to change the colour of the PK logo light on the front of the Module.
Screen	Backlight	Allows the user to select the mode of the LCD backlight to OFF/ON/Audio Status.
	Dark Mode	Allows the user to change the display dark mode of the LCD to ON or OFF.
	Portrait	Allows the user to change the display of the LCD to portrait or landscape orientation.

Menu Item	Sub-Menu Item	Description
Service Note	-	Previously added service notes can be viewed and cleared. If a module is malfunctioning, the service flag can be set (and correspondingly cleared) through this menu. If the service flag is set, the LCD will display a yellow backlight to let the user know that the box was flagged.
About	-	Displays the current product, firmware versions, component serial numbers, and component MAC addresses for the Tx14 module.

6.4 Operation Status Alerts

During operation, the LED display will change colour depending on the status of the Tx14 module. The following table summarizes the statuses associated with specific display colours ordered from lowest to highest display priority.

Display Colour	Module Status
Purple	Idle
Blue	.dynamics Connected
Green	Playing Audio
Yellow	Service Flag
Red	System Failure

7. Amplification & Audio

Powerful signal processing tools are employed to optimize acoustic performance, including high-quality equalizers, limiters, delays, and FIR filters. The amplifier is also equipped with extensive protection circuitry: power limiters, thermal shutdown, short circuit and overload protection and a clip limiter.

7.1 Overview

The Tx14 loudspeaker is powered by an integrated Class-D amplifier specifically designed for multi-way loudspeakers and asymmetric loads. It can deliver up to 1400 W granting the highest power available for drivers. This amplifier features dual-mode active cooling via fans and routed port flow to maximize thermal dissipation. As a result, the Tx14 delivers unparalleled transients and consistent output.

Patented built-in PFC (Power Factor Correction) allows the amplifier to achieve optimal, consistent performance in all operating conditions worldwide. Intelligent rail management technology maximizes the efficiency of the system and drastically reduces power consumption at any load condition.

7.2 .dynamics Audio Functions

The Tx14 features a complete suite of onboard DSP functionality, configurable through the .dynamics software. This includes loudspeaker presets, gain, delay, and filters. Please refer to the .dynamics software's user manual within the .dynamics software interface for details.

7.3 Status Monitoring

Status monitoring is similarly performed using .dynamics. Module input levels, output levels, gain reduction, limiting, and protections are all provided per speaker. Additionally, the color of the LED logo may be changed (or turned off entirely) to aid in module identification. Loudspeaker service notes and "Service Required" flags may also be saved to the amplifier to indicate service history or a need for immediate service. Refer to the .dynamics user manual.

7.4 Thermal & Electrical Protections

Temperature Warning – When the Tx14 module heats up to 65°C, a yellow warning light will flash on that module's workspace visual representation in .dynamics to indicate to the technician that the module is 15°C away from a thermal protect scenario.

Thermal Protect – When the Tx14 amplifier's internal temperature exceeds 60°C., a temperature-controlled fan is engaged. When the amplifier reaches 70°C, the amplifier engages a progressive thermal limiter that increases gain reduction with higher temperatures. At 85°C the system shuts off completely to prevent damage. The yellow warning indicator will be replaced with a red indicator in the .dynamics workspace visual.

Output Loading Error – The amplifier will automatically detect problematic loading scenarios, such as damaged voice coils or a missing driver. Upon detection of such a load, the output amplification is immediately disabled. .dynamics functionality is unaffected by this shutdown, and the amplifier will restart if the condition clears.

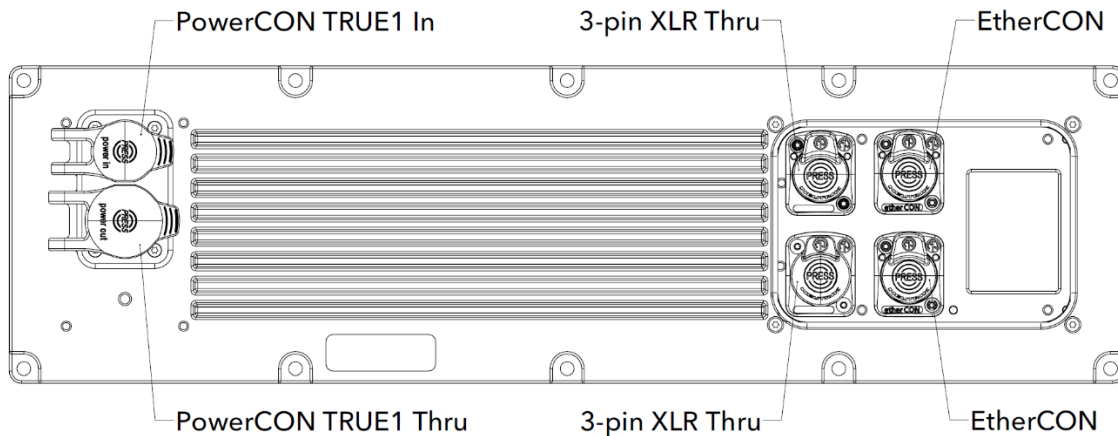
Output Protection – The amplifier outputs are monitored, and limiters will engage to prevent overloading of mains voltage inputs and damage to the loudspeaker.

Clipping – Limiters are used to prevent signals from exceeding rated limits.

Input Overvoltage and Overcurrent Protection – if AC mains inputs exceed 280 VRMS, the loudspeaker will automatically shut down and periodically attempt to restart.

8. Connectivity

The Tx14 rear panel utilizes PK Sound's VE15 amplifier which provides analog, digital AES3, and ethernet connectivity and allows configuration of the loudspeaker via PK's .dynamics software. Both configurations include 3-pin XLR input and pass-through for analog audio.



8.1 Audio Connectors

etherCON Input – The etherCON cable provides a CAT-5 input into the Tx14 via the EtherCon connector. The CAT-5 ethernet input allows for connection to the .dynamics software network while also accommodating Milan/AVB. The etherCON cable can also provide AES3 input in certain configurations. In order to maintain the IP rating of the connector, mate with only Neutrik TOP or DR series connectors. Ensure the Cover is in place when not in use.

Audio Input (XLR 3-Pin Female) – The audio input is a three-pin XLR female connector which accepts balanced audio signals with an input impedance of 10 k Ω . It uses the following wiring:

Pin 1 – 220 k Ω to chassis and earth ground

Pin 2 – Positive polarity signal (+)

Pin 3 – Negative polarity signal (-)

Case – Earth (AC) ground and chassis

Note: Analog input signals over 16 dBu (4.8 Vpk) will engage limiters or clip.

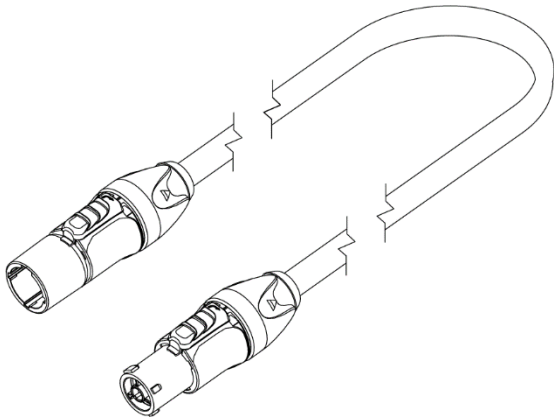
Digital Input AES (AES 3-Pin Female) – A secondary digital audio input is provided as a redundancy. This is a 3-pin XLR female which accepts digital AES data. AES uses 110 Ω shielded twisted pair (STP) cable with XLR connectors up to a distance of 100m. It uses the following wiring:

Pin 1 – 220 k Ω to chassis and earth ground

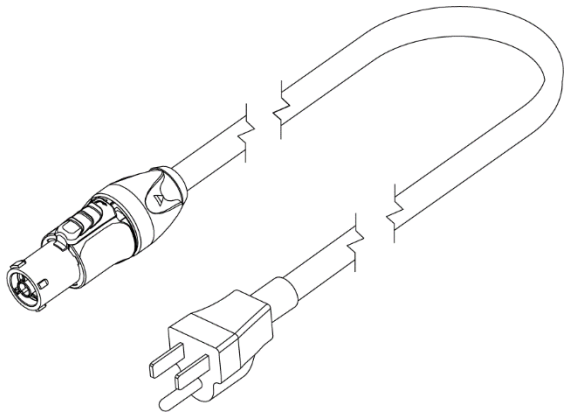
Pin 2 – Positive polarity signal (+)

Pin 3 – Negative polarity signal (-)

powerCON TRUE1 Jumper – Used to daisy-chain Tx14 boxes via the parallel powerCON TRUE1 AC inputs. Four modules can be daisy-chained on a single 20 A circuit at 208 VAC, while two modules can be daisy-chained on a single 20 A circuit at 120 VAC.



powerCON Edison Cable – To power a single Tx14 module, a powerCON TRUE1 to standard IEC/Edison is available.



8.2 Cabling Recommendations

It is recommended to add ferrites to all input signal and power cables used with modules to limit the effects of EMI (electromagnetic interference).

Maximum Cable Lengths

Cable Type	Max Supported Distance (m)	Max Supported Distance (ft)
XLR	91	300
AES3	91	300
Ethernet	91	300

Recommended Connection Cable Lengths

Connection Type	Recommended Cable Length (m)	Recommended Cable Length (ft)
Tx14-Tx14	0.5	1.6
Tx14-T18	1.5	5

Recommended Cable Connectors

Cable Type	Male Connector	Female Connector
XLR	Neutrik NC3MX1-TOP	Neutrik NC3FX1-TOP
AES3	Neutrik NC3MX1-TOP	Neutrik NC3FX1-TOP
Ethernet	Neutrik NE8MX-B-TOP/14	Neutrik NE8MX-B-TOP/14

9. Transportation

9.1 Covers

Covers are intended to protect the Tx14 from dust, abrasion, and light impacts during transportation. Removal and application of the Cover is quick, and the design allows continued access to the handles.

10. Care & Cleaning

Tx14 loudspeakers are coated with a resilient, tour-proven modified polyurea coating. It may be cleaned with a mild soapy damp microfiber cloth and wiped with a dry cloth. To reduce the risk of electrical shock, ensure the system is unplugged from AC power before cleaning. To clean dust off the speaker cone, use a can of compressed air such as a commercial air duster. Do not blow dust into the horn; it may damage the compression driver.

11. Specifications

Output Capacity		
Frequency Response	50 Hz – 18 kHz (±10 Hz)	
Peak SPL	138.5 dB (M-noise)	
Acoustic Properties		
Coverage	50° x 70° Directivity	
Transducers		
High-Frequency Driver	1 x 3" Neodymium Diaphragm Compression Driver	
Low-Frequency Drivers	1 x 14" Cone	
Amplification		
Amplifier	2-Channel Class-D	
Amplifier Output Power	1400 Wrms	
Operating Voltage	Auto-switching 100-240 V, 50/60 Hz	
Power Consumption	220 W	
Input Impedance	10 kΩ Balanced	
Nominal Input Sensitivity	0 dBu	
Network Control	AES70	
Input/Output Connections		
Audio/Network	Balanced XLR / 14 pin Amphenol IP65	Balanced XLR / Ethernet IP65
Input Selection	Analog/AES3/Milan	Analog/AES3/Milan
AC Power Input	powerCON TRUE1	
Local Control		
Touch Screen	2.4" TFT	
DSP Control	Gain, Delay, Mute, Preset Selection	
Physical Properties		
Module Construction	Void-Free, High-Grade Baltic Birch	
Rigging Construction	4 x M10 6061-T6 Aluminum	
Finish	Tour-Grade High-Impact EXL Polyurea	
Grill	Powder Coated Aluminum	
Dimensions (W x H x D)	599 x 400 x 303 mm 23.6 x 15.75 x 11.9 in	
Weight	21.8 kg (48.0 lbs)	

12. Dimensions

