

Xlr-20 distribution box standard dimensions



AI Overview

A typical 20-output XLR distribution box measures approximately 19 inches wide, 3.5 inches high (1U), and 6–8 inches deep. Typical Dimensions and Form Factor Most 20-channel XLR distribution boxes are designed to fit standard 19-inch rack mounts, making them 1U in height (about 44–45 mm). The depth can vary depending on the manufacturer and internal circuitry, but it generally ranges from 6 to 8 inches (150–200 mm) to accommodate XLR connectors, internal wiring, and strain relief. The width is standardized at 19 inches (482.6 mm) to fit in professional audio racks.

Features Affecting Size

- XLR Connectors:** 20 female XLR outputs require careful spacing to prevent cable crowding.
- Rack Mounting:** Most units include rack ears for secure installation.
- Internal Components:** Transformers, active circuitry, or isolation features can slightly increase depth.
- Cable Management:** Some boxes include angled or recessed connectors to reduce strain on cables.

Practical Considerations

- Weight:** A fully populated 20-channel box can weigh between 5–10 lbs (2.3–4.5 kg) depending on materials.
- Port Layout:** Outputs are usually arranged in two rows of 10 or a single row with staggered spacing.
- Mounting Options:** Floor-standing or wall-mounted versions may have slightly different dimensions but generally follow the same width and height standards.

For exact dimensions, it is recommended to consult the manufacturer's datasheet or product page, as variations exist between brands and models.

Article Content

Behringer DI20 - Thomann UK

For example, I've used them as classic DI boxes, to insert between instrument and amplifier and to simultaneously take a balanced line level output out to the interface, I've used a single unit to feed an

XLR Connector Size Explained for Pro Audio and Home Studios

Is XLR connector size standardized across all brands? The major XLR formats follow industry dimensional standards, but lower-quality or off-brand connectors occasionally deviate from true

XI Distribution Box Dimensions

Pedigree for XI Distribution Box Dimensions, photos and offspring from the All Breed Horse Pedigree Database.

Behringer DI20 - United States

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XLR Connector Standards 2026: Professional Studio Equipment Guide

Complete guide to XLR connector standards 2026 covering professional studio equipment, pinout configurations, cable selection, and installation best practices for audio professionals.

XLR connector

XLR connectors are cylindrical, with three to seven connector pins, and are often employed for analog balanced audio interconnections, AES3 digital audio,

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Types of XLR Connectors While the standard 3-pin XLR connector is the most common, XLR connectors come in various pin configurations to cater to diverse applications: 3-Pin XLR connectors:

Standard Box Sizes: Size Charts & Dimensions

Find standard box sizes for shipping, retail, and moving. Includes size charts in inches & cm, carrier limits, and a free box size calculator.

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The XL-21 low-voltage power distribution cabinet is suitable for three-phase four-wire systems with AC voltages up to 500V. It is primarily used for power.

DM-NAX-2XLRI-1G [Crestron Electronics, Inc.]

The DM-NAX-2XLRI-1G is a single-gang, audio-over-IP wall plate that adds XLR connections to a DM NAX® audio distribution network for balanced line or microphone level input.

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2 Input, 5 Output Balanced XLR Matrix Splitter Box
Audio Management & Distribution
How it works – Commonly used with any multi-output setup, this unit

A Complete Guide to XL-21 Power Distribution Cabinet Specifications

Understanding XL-21 Power Distribution Cabinet Specifications
Physical Dimensions and Construction
XL-21 type power distribution cabinets are engineered with precision to meet the

XLR Connectors

Neutrik XLR connectors are the most well-known series of products manufactured by Neutrik, and have provided the professional audio industry a simple, yet striking, concept in connector features. We

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Distribution box catalogue | PDF

This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It includes specifications for

XLR Chassis Connectors

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XLR Connectors Explained In-Detail [Upd. 2024]

Thus, the XLR connector was born, quickly becoming an industry standard for professional audio equipment. Evolution of the

SELECT YOUR DISTRIBUTION SYSTEM

Distribution is an essential function for the electrical panels, as well as for control and circuit protection. As well as purely technical factors (intensity, number of outputs, etc.), the choice of a distribution

XLR Connector Dimensions Matter More Than You Think Here's

Proper XLR connector dimensions such as main body diameter, pin pitch, and barrel length significantly influence connectivity stability, signal clarity, and component safety according to IEC standards

XLR connector

XLR connectors are part of the international standard for dimensions, IEC 61076-2-103. The XLR connector resembles the DIN connector, but is larger, more

Contact Us

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