

Broadcasting Splitter Box



Summary of Content

A broadcasting splitter box is a device that distributes a single audio signal to multiple outputs while maintaining signal integrity and preventing interference.

Overview

A broadcasting splitter box, also known as a press box, conference splitter, multi box, or press distribution amplifier, is designed to take one audio input and distribute it to multiple outputs for recording, broadcasting, or live sound applications . It ensures that each connected device receives a clean, stable, and interference-free signal, eliminating issues like hum, buzz, or ground loops .

Functionality

Splitter boxes operate by either transformer-based isolation or active circuitry:

- Transformer-based (passive) splitters use audio transformers to isolate outputs, preventing ground loops and hum. They are reliable, simple, and require no power .
- Active splitters use electronic buffering to split the signal, offering higher signal-to-noise ratios and more flexibility in the number of outputs . These devices can handle balanced XLR inputs, line-level signals, and sometimes phantom power, depending on the design .

Applications

Broadcasting splitter boxes are widely used in:

- Press conferences and media events: Distributing microphone signals to multiple journalists, cameras, and recording devices without cluttering the stage .

Article Content

Broadcast Splitter

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Best Splitters and Combiners for Broadcast Facilities 2026

We're going to break down what you need to look for - beyond just the number of ports - to keep your signal clean and

XLR Splitter Box Guide: How to Choose the Right One

A practical, no-fluff guide to selecting an XLR splitter box—covering passive vs. active, isolation needs, phantom

Splitters | Black Box

Splitter - DVI-D, Audio, HDCP Broadcast HD video, even HDCP content, to displays with this easy-to-use splitter.

Unlocking the Power of Splitter Boxes in Live Sound: A

By splitting the input signal and sending it to multiple destinations, a splitter box can provide a redundant path for the

Audio Splitters for Live Sound & Signal Distribution — Echotone Music

Audio splitters for live sound, broadcast, recording, and stage routing applications. Explore mic splitters, transformer-isolated

Splitter Box for Live Sound

Recording shows for later release or review requires splitting off record feeds. A simple 1-to-2 splitter at mixer inserts enables this

Exo-Pod

The Exo-Pod™ is a passive broadcast splitter than can take a balanced line output from a mixing console and distribute the signal to

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Efficient Audio Distribution | A Comprehensive Guide | Event Tech

How To Use A Press Box At Your Event. 2. Press Box / Mult box - The ultimate guide how to connect various devices to

Contact Us

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