

# COUNTRYMAN TYPE 85

## Active Direct Box



Reflecting the ultimate engineering and highest-quality materials, the Type 85 Direct Box adds nothing and removes nothing from the instrument's signal. No distortion. No electronic hum or buzz. No loss of dynamic range. It's the only active direct box that delivers such a clear, strong, warm signal to the console.

### Performance

- Transparent signal to the mix board with no added noise or distortion
- Isolates ground buzz between console and amp

### Design

- Low profile, compact form factor
- Almost invisible on stage

### Durability

- Single-piece extruded case with extra-thick walls
- Internal electronics are molded in a solid epoxy block and fully protected against electrical damage
- Input circuit withstands 220 V AC, and static spikes up to 20,000 V

#### PRODUCT HIGHLIGHTS

**Connects any high-impedance instrument to an XLR microphone input**

**9V battery or phantom power**

**Virtually indestructible**

# Countryman Type 85 Active Direct Box

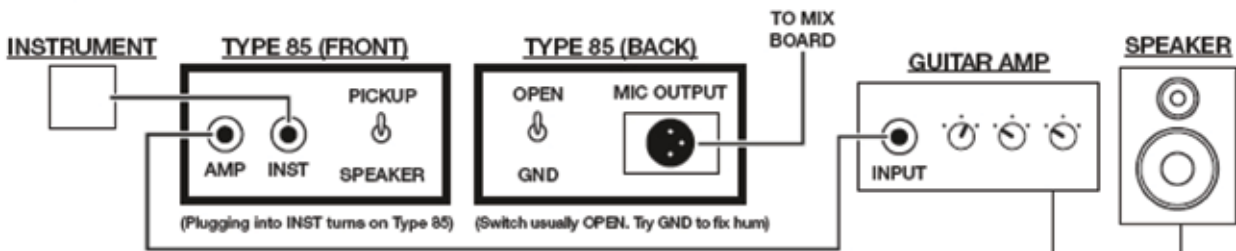
## Overview

Sleek, compact, and virtually indestructible, the Type 85 Direct Box delivers the purest signal from instrument to console with no added distortion or loss of dynamic range.

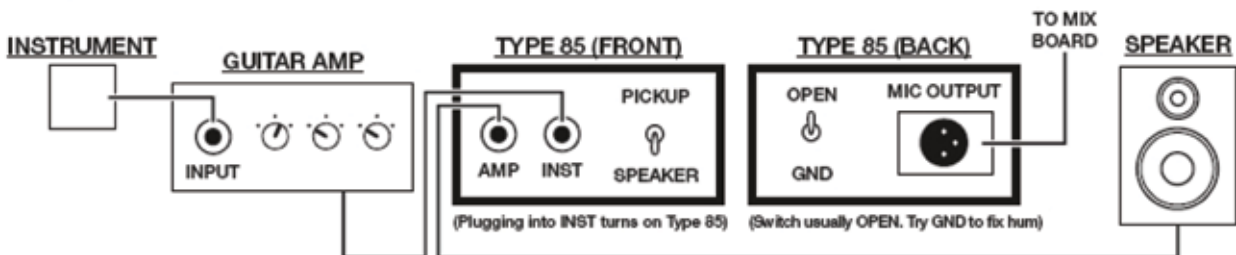
## Specifications (subject to change)

Frequency Response	20 Hz - 20 kHz +/- 1 dB
Noise (shorted input)	0.63 $\mu$ V RMS (-122 dBu) BW = 20 kHz
Power Requirements	9 V battery or 0.4 mA @ 48 V phantom
Input Protection	220 V RMS and 20,000 V static discharges
Voltage Gain	-10 dB in pickup mode -46 dB in speaker mode
RF Filtering	250 kHz low pass on input 30 kHz low pass on output
Distortion	0.018% THD @ 1 kHz and 1 V P-P in 0.08% IMD 10 kHz / 60 Hz 1 V P-P in
Input Resistance	10 M $\Omega$ in pickup mode (10 times the input resistance of a typical guitar amplifier.)
Input Capacitance	160 pF, equal to two feet of low-capacitance guitar cable
Dimensions	45 x 77 x 127 mm (1.75 x 3 x 5 in.)
Weight	0.52 kg (18.5 oz)

### Typical Bass Guitar Setup



### Typical Lead Guitar Setup



Europe, Middle East, Africa:  
Shure Europe GmbH  
Wannenackerstr. 28  
74078 Heilbronn, Germany

Phone: 49-7131-7214-0  
Fax: 49-7131-7214-14  
Email: info@shure.de

United States:  
Shure Incorporated  
5800 West Touhy Avenue  
Niles, IL 60714-4608 USA

Phone: 1-847-600-2000  
Fax: 1-847-600-1212  
Email: info@shure.com

Asia, Pacific:  
Shure Asia Limited  
Unit 301, 3rd Floor  
Citicorp Centre  
18, Whitfield Road  
Causeway Bay, Hong Kong

Phone: 852-2893-4290  
Fax: 852-2893-4055  
Email: info@shure.com.hk

Canada, Latin America,  
Caribbean:  
Shure Incorporated  
5800 West Touhy Avenue  
Niles, IL 60714-4608 USA

Phone: 1-847-600-2000  
Fax: 1-847-600-6446  
Email: international@shure.com