

SHURE®

LEGENDARY
PERFORMANCE™

UA844SWB



Antenna Distribution System
Distributeur d'antenne
Antennensplittersystem
Sistema de distribución de antenas
Sistema di distribuzione di antenna
Sistema de Distribuição de Antena
Антенные распределительные системы
Antenneverdeelstysteem
アンテナ分配システム
안테나 분배 시스템
天线分配系统
天線分配系統
Sistem Antena Distribusi



General

The Shure Model UA844SWB is a UHF antenna distribution system that allows the expansion of wireless microphone systems by splitting one pair of antennas to multiple receivers. It also amplifies RF signals to compensate for insertion loss that results from splitting signal power to multiple outputs. A single UA844SWB system can support up to four wireless receivers. A maximum of five UA844SWB systems may be used in a two-tiered configuration.

Model Variations

UA844SWB: Includes all components

UA844SWB/LC: Includes all components, excluding antenna cables and locking power cables

Note: A power switch on the front panel is included on some units, depending on country-specific regulations.

System Components

- Front-mounting antenna hardware
- Rack-mounting hardware
- External power supply
- Antenna cables and hardware for receiver connections (not included in UA844SWB/LC)
- Locking and non-locking DC power cables for receiver connections (locking cables not included in UA844SWB/LC)

Specifications

Power Requirements

14 to 18V DC

DC Output

14 to 18V DC (x4)

Output Current

Combined total from all DC outputs
2.5 A, maximum

Operating Temperature Range

-7°C (20°F) to 49°C (120°F)

Dimensions

45 x 483 x 172 mm (H x W x D)

Net Weight

1.62 kg (3.6 lbs)

RF Input

Connector Type

BNC

RF Frequency Range

470 to 952 MHz

Bias Voltage

12V DC (150 mA max.) (x2)

Impedance

50 Ω

RF Output

RF Frequency Range

470 to 952 MHz

Output Intercept Point (OIP3)

21 dBm, typical

Connector Type

BNC

Impedance

50 Ω

Output Connector Isolation

30 dB, typical

Gain

Input to any output port (Unused ports terminated in 50 Ω)

-0.5 to 3.0 dB

Optional Accessories

Line Amplifier (470-900 MHz)	UA830WB
Line Amplifier (470-698 MHz)	UA830USTV
Line Amplifier (944-952 MHz)	UA830X
Powered Directional Antenna (470-900 MHz)	UA870WB
Powered Directional Antenna (470-698 MHz)	UA870USTV
Powered Directional Antenna (944-952 MHz)	UA870X
Powered Directional Antenna (470-698 MHz)	UA874US
Powered Directional Antenna (470-790 MHz)	UA874E
Powered Directional Antenna (470-900 MHz)	UA874WB
Powered Directional Antenna (925-952 MHz)	UA874X
1/2 Wave Antenna (774-862 MHz)	UA820A
1/2 Wave Antenna (690-746 MHz)	UA820B
1/2 Wave Antenna (554-590 MHz)	UA820D
1/2 Wave Antenna (470-530 MHz)	UA820G
1/2 Wave Antenna (518-578 MHz)	UA820H4
1/2 Wave Antenna (944-952 MHz)	UA820X
2 ft. BNC-BNC Cable	UA802
6 ft. BNC-BNC Cable	UA806
25 ft. BNC-BNC Cable	UA825
50 ft. BNC-BNC Cable	UA850
100 ft. BNC-BNC Cable	UA8100
Bulkhead Adapters	95A8994
Power Cables for U LX Receivers	95B8420
Power Cables for SLX Receivers	95B8373

Replacement Parts

Hardware Kit	90XN1371
Power Supply	PS45US
Power Supply	PS45E
Power Supply	PS45UK

Important Product Information

LICENSING INFORMATION

Licensing: A ministerial license to operate this equipment may be required in certain areas. Consult your national authority for possible requirements. Changes or modifications not expressly approved by Shure Incorporated could void your authority to operate the equipment. Licensing of Shure wireless microphone equipment is the user's responsibility, and licensability depends on the user's classification and application, and on the selected frequency. Shure strongly urges the user to contact the appropriate telecommunications authority concerning proper licensing, and before choosing and ordering frequencies.

NOTE: This Radio equipment is intended for use in musical professional entertainment and similar applications. This Radio apparatus may be capable of operating on some frequencies not authorized in your region. Please contact your national authority to obtain information on authorized frequencies and RF power levels for wireless microphone products.

The CE Declaration of Conformity can be obtained from Shure Incorporated or any of its European representatives. For contact information please visit www.shure.com

The CE Declaration of Conformity can be obtained from: www.shure.com/europe/compliance

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