



ANTENNA DISTRIBUTION SYSTEM USER'S GUIDE



SPECIFICATIONS

UHF Carrier Frequency Range
UA845-SWB 470–952 MHz

Distributed Output Level (Gain)

Models UA845-SWB:
4.0 dB typical, 1.0 dB to 5.0 dB from antenna input
(Output ports 1–4).
0.5 dB typical, –1.5 dB to 2.4 dB from antenna input
(Cascade port)

Output Connector Isolation

Greater than 25 dB

Third Order Intercept Point (3 OIP)

Typical 24 dBm

Input/Output AC Line Voltage

100 to 240 Vac, 50/60 Hz, unswitched

DC Output Voltage

12 Vdc, 4 connectors

Maximun Current Supply from DC Outputs

1.1 Amps

Impedance

50 Ω

Operating Temperature Range

–7° C (+20° F) to 49° C (+120° F)

Overall Dimensions

44.5 mm high x 482.6 mm wide x 295.3 mm deep
(1 3/4 x 19 5/8 x 11 inches)

Net Weight

3.32 Kg (7 lbs, 5 oz)

Input/Output Antenna Connector Type

BNC-type

AC Power Consumption

15 W per unit typical.

Certification

UA845: LISTED by UL and CUL (U.S. and Canada), IC and FCC; IC Certified (Canada). Meets applicable European directives for CE marking eligibility. Meets Requirements of EMC Standard and 301 489 Parts 1 and 9. Meets the essential requirements of the European R&TTE Directive 99/5/EC and are eligible to carry the CE marking.  N108

Furnished Accessories

2 ft. Coaxial Antenna Cable (RG-58) (12) UA802

Optional Accessories

1/2-Wave Antenna

UA820A (774–865 MHz)
UA820B (690–746 MHz)
UA820D (554–590 MHz)
25 ft. Coaxial Cable (RG-8/X) UA825
50 ft. Coaxial Cable (RG-8/X) UA850
30.4 m (100 ft.) Antenna Extension Cable UA8100

In-Line RF Amplifier

UA830A (782–810 MHz)
UA830C (800–830 MHz)
UA830KK (838–862 MHz)
UA830WB (470–900 MHz)

Active Directional Antenna

UA870A (782–810 MHz)
UA870MB (800–830 MHz)
UA870KK (838–862 MHz)
UA870WB (470–900 MHz)

Replacement Parts

Hardware Kit 90XN1371
Bulkhead Adapters 95A8994
120 VAC Power Line Cord 95B8389
230 VAC Power Line Cord 95C8247
240 VAC Power Line Cord (U.K.) 95A8713
230 VAC Power Line Cord (AZ) 95A9128
AC Jumper Power Cord (AZ) 95A9129
120 VAC, 16-in. Power-Through Cord 95B8576
230 VAC, 18-in. Power-Through Cord 95B8678

THIS RADIO EQUIPMENT IS INTENDED FOR USE IN MUSICAL PROFESSIONAL ENTERTAINMENT AND SIMILAR APPLICATIONS.

NOTE: 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 FOR WIRELESS MICROPHONE PRODUCTS IN YOUR REGION

LICENSING AND WARRANTY INFORMATION

Warranty. Shure Incorporated (“Shure”) hereby warrants that these products will be free from defects in material and workmanship for a period of two years from the date of purchase. At its option, Shure will repair or replace the defective product and promptly return it to you, or refund the purchase price. Retain proof of purchase to validate the purchase date and return it with any warranty claim. If you believe this product is defective within the warranty period, carefully repack the unit, insure it, and return it postpaid to:

Shure Incorporated
Attention: Service Department
5800 W. Touhy Avenue
Niles, IL 60714-4608 U.S.A.

For service outside the United States, return the product to your authorized Shure Distribution Center.

All claims of defects or shortage should be directed to the above address. Please furnish model number, operating frequency, and date, place and proof of purchase (such as a copy of your sales receipt) to establish warranty. Your letter should include

all pertinent details including applicable model or part numbers and a brief description of the problem. Do not mail any units or parts to Shure unless requested to do so by Shure’s Service Department. Any returned items must have prior authorization. Unauthorized returns are delayed in handling; these delays can be avoided by contacting Shure in advance and furnishing the necessary information.

Shure reserves the right to make design changes and product improvements on any previously manufactured products. Shure also reserves the right to ship new and/or improved products which are similar to the form, fit and function of the originally ordered products.

Licensing. 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 other than standard frequencies.