

General Description

The 565SD microphone is a dual-impedance, unidirectional dynamic microphone with a strong, wire-mesh, spherical front grille that contains a highly effective wind and "pop" filter.

Shipped connected for low-impedance operation, a 565SD microphone provides excellent vocal or speech reproduction on stages and studios, and is a popular choice for use in public auditoriums, churches, convention halls, and schools.

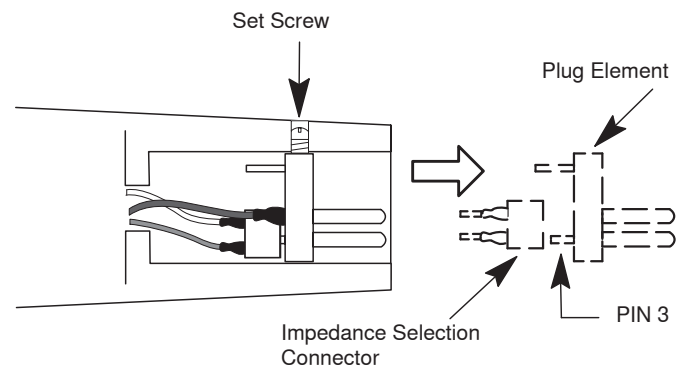
Features

- Selectable dual-impedance operation
- Silent, lockable on/off switch
- Cardioid dynamic
- Frequency response: 50 to 15,000 Hz

Impedance Selection

The microphone is shipped connected for low impedance operation. To change to high impedance proceed as follows:

1. Loosen plug element by turning slotted setscrew counterclockwise (turn counterclockwise to lower screw into plug element). Pull plug element from case. Be careful not to stretch or break wires.
2. The low impedance socket of the impedance selection connector is connected to Pin 3 of the plug element. Move the connector to the high-impedance socket (see diagram).
3. Reinsert plug element and tight setscrew (turn clockwise to raise screw).



Polarity

To test two microphones and their cables for common polarity, connect them to an amplifier and talk or sing into them while holding them three or four inches apart. The sound from the speakers should be the same when talking into either microphone or directly between them if they have common polarity. If the sound level drops drastically, or if a dead spot is found when talking between the two microphones, either the microphones or their cables have

different polarity. All cables and microphones can be tested in this manner to ensure that they have common polarity.

To reverse the polarity of a low-impedance microphone cable, use either a Shure A15PRS Switchable Phase Reverser or interchange the wires connected to pins 2 and 3 of the XLR connector.

Specifications

Type

Dynamic (moving coil)

Frequency Response

50 to 15,000 Hz

Polar Pattern

Cardioid

Output Impedance

EIA rated at 150 Ω (250 Ω actual)

Sensitivity(at 1 kHz, open circuit voltage)

L:	-56.0 dBV/Pa (1.6 mV)
H:	-34.0 dBV/Pa (20 mV)

Polarity

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3

Weight

Net: 0.298 kg (0.656 lbs)

Switch

Lockable ON/OFF switch

Connector

Three-Pin Professional Audio Connector

Case

Chrome-plated die casting with steel mesh grille

0

⁰ [1] 1 Pa = 94 dB SPL

Certifications

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

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

Authorized European representative:
 Shure Europe GmbH

Headquarters Europe, Middle East & Africa
 Department: EMEA Approval
 Jakob-Dieffenbacher-Str. 12
 75031 Eppingen, Germany
 Phone: +49-7262-92 49 0
 Fax: +49-7262-92 49 11 4
 Email: info@shure.de

Accessories

Furnished Accessories

Microphone Clip for SM58, SM57, SM87A, BETA87A, BETA87C, PGA57, PGA58, PGA48, PGA81 Microphone Clip for SM58, SM57, SM87A, Beta 87A, Beta 87C, PGA57, PGA58, PGA48, PGA81	A25D
---	------

Replacement Parts

Cartridge for 565 Series, 566	R65
Grille for 565 Series	RS65

Optional Accessories

Line Matching Transformers	A95
Shock Stopper® Isolation Mount	A55M
Shock Stopper® Isolation Mount	A55HM
Over/Under Dual Mount for two microphones: SM57, BETA57A or 545 Series microphones Over/Under Dual Mount for two microphones: SM57, Beta 57A or 545 Series microphones	A26M
Foam Windscreen for all larger Shure "ball-type" Microphones available in black, blue, gray, green, red and yellow	A58WS
7.6 m (25 ft.) Cable (XLR-XLR)	C25J
20' Cable with ¼" Phone Plug on Equipment End (Pin 2 Hot)	C20AHZ