

# D112/C

## Harmonica Microphone

### Description

D112/C is a dynamic microphone for harmonica with nice handling, light structure and considerate designing. For the musicians of harmonica, it can produce the sound of harp of classic blues. Its tailored frequency and unique shape for handling make it an ideal candidate for the hand-held use of harmonica performance.

D112/C features a volume knob at the tail, which enables the musician to adjust the volume as required in the performance. (Figure 1). The accessory cable of D112/C has a 1/4" output plug to connect to guitar amplifier or other high-impedance equipment.

**If the microphone for harmonica need to be installed onto devices with 5/8" screw adaptor, such as a stand, D102/C is a better choice, whose volume knob is changed to a 5/8" X 27T screw adaptor.**

### Specifications

- Type: Dynamic microphone
- Polar Pattern: Omni-directional
- Frequency Response: 100 -6000 Hz
- Sensitivity: -48 dBV p<sub>a</sub>(4.0 mv p<sub>a</sub>) at 1000Hz
- Rated Impedance: High impedance, unbalanced
- Min. Loading Impedance: 100K
- Output Connector: 1/4" phone plug
- Polarity: Positive pressure on diaphragm produces positive voltage on output plug
- Cable: 6mm x 3M dual-core shielded cable
- Dimensions: Max. 63x80mm
- Net Weight: 650 g (22.93 oz.) [Cable included]

\* 1Pa=10 microbars=94dB SPL



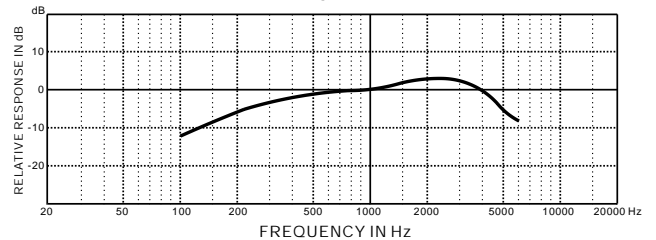
Figure 1

### Dimension Diagram

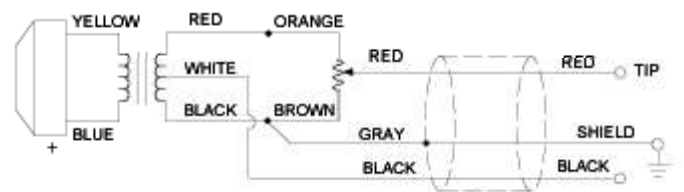
If D112/C is to be connected to low impedance equipment such as mixers, CP 838 Impedance Converter of our company is available. For more details, please access our website at: <http://superlux.tw>

Note: D112/C can be re-wired to fit into low impedance equipment, but this change will result in the impotence of

Frequency Response



Wiring Diagram



CP 838 Impedance Converter



### Applications

When D112/C is connected to a guitar amplifier, it can produce the sound of harp of classic blues. The following rules should be observed in application:

- Before plugging the microphone into the amplifier, please turn the volume down. When the microphone is carried away from the amplifier, turn the volume up.
- The volume can be adjusted as required in performance.
- To avoid feedback, please keep the microphone as far away from the loudspeaker or monitor as possible. The feedback resulting from the maximum volume of the microphone itself can be avoided if the volume of the loudspeaker or monitor is adjusted through the console.

Note: The volume setting of guitar amplifier is critical to the quality of produced sound. Please try out inter-relation between