JBL

COMMERCIAL ®

by **HARMAN**

CSPM
SERIES

- CSPM-1
- CSPM-2
- CSPM-4

Paging Microphone
Quick Start Guide

Compliance Information

CE EC-DECLARATION OF CONFORMITY

Document No. 829 / 05 - 2011   (*replaces No.   /   -   *)

Type of Product:	Dynamic Paging Microphone
Model No.:	**CSPM 1 (2 or 4)**
Drawing No.:	3360 H 00..0
Manufacturer:	AKG Acoustics GmbH A-1230 Wien, Lemböckgasse 21 - 25 AUSTRIA

We declare under our sole responsibility that the above mentioned product is in conformity with the European Directive(s):

No. 2004/108/EC: Electromagnetic compatibility

The conformity is achieved by fulfilling the following (harmonised) European Standard(s):

EN 61000-6-1:2007; EN 61000-6-3:2007;

City, Date: Vienna, 23.5.2011

Manufacturer's Signature:

Jürgen Bopst
Managing Director

EC-DoC documentation:

This declaration certifies the accordance with the above mentioned EC-Directive but does not assure certain attributes of the product.
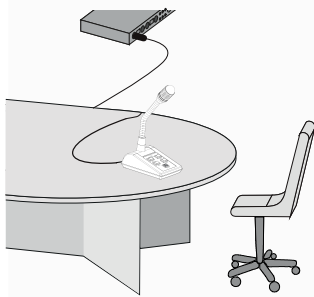
EC-Declaration of conformity **3360.CE1**

Setting Up

CSPM-2 Schematic

Shield
Audio +(White)
Audio −(Black)
G (Red)
Zone 1(Yellow)
Zone 2(Blue)
PTT
Zone 1
Zone 2

CSPM-4 Schematic

Shield
Audio +(White)
Audio −(Black)
G (Red)
Zone 1(Yellow)
Zone 2(Blue)
Zone 3(Green)
Zone 4(Orange)
PTT
Zone 1
Zone 2
Zone 3
Zone 4

CSPM-1 Schematic

Shield
Audio +(White)
Audio −(Black)
PTT

The JBL Commercial® CSPM series microphones (CSPM-1, CSPM-2, and CSPM-4) are dynamic close-talking microphones for paging systems and loudspeaker systems in airports, underground stations, department stores, etc..

Button Functions

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ZONE 1 ZONE 2
ZONE 3 ZONE 4

1

PUSH TO TALK

2

PUSH TO TALK (PTT) Button

CSPM-1: The microphone is on when the PTT button is pressed. The microphone is switched off when the PTT button is released.
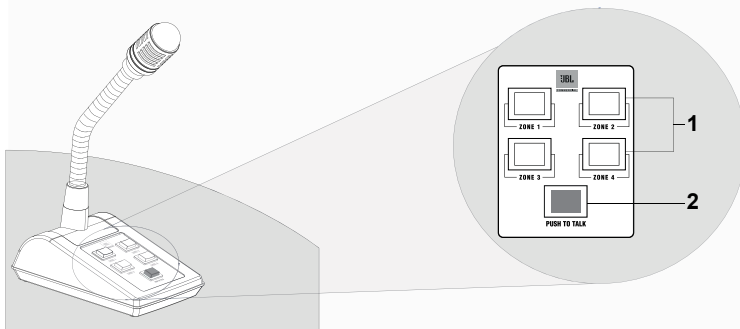
CSPM-2, CSPM-4: When the PTT button is on (pressed), zone buttons are connected to the "G" pin and sound will be routed according to the state of the zone buttons. When the PTT button is off, the zone buttons are opened and no sound will be sent to any zones.
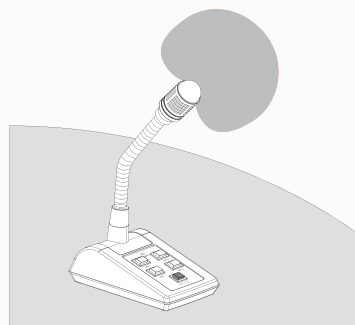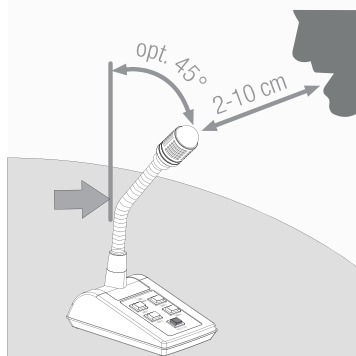
ZONE Button

Press the zone buttons to select which zones will receive the paging announcement once the PTT button is pressed.

An example of using the buttons in a public address application is:

1. Press the **Zone 1** button.

2. Press the **PUSH TO TALK** button and speak. Your page will be delivered to Zone 1.

Operation and Application
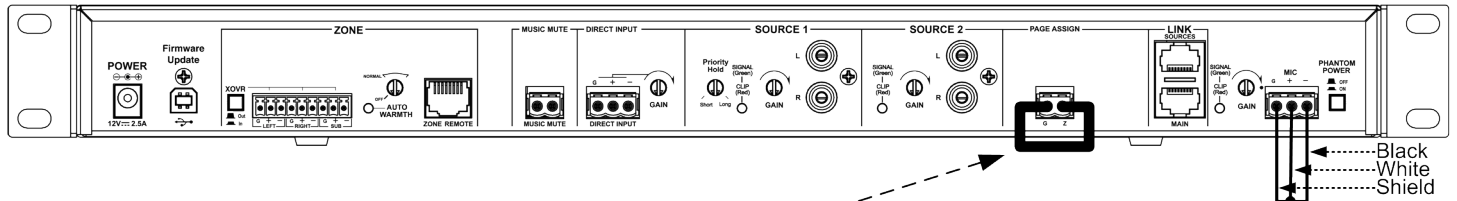
opt. 45°

2-10 cm

Maintain a gap between the speaker's mouth and the microphone, and do not exceed the maximum bend angle. Only bend the flexible part of the microphone.

In the case of microphones with cardioid polar pattern, most sound attenuation occurs at 180°. These microphones should preferably be used where there is an interference noise source or a loudspeaker directly opposite the speaker.
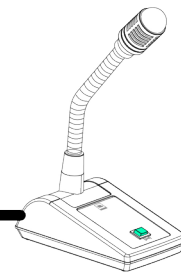
1

CSPM-1 with CSM-21

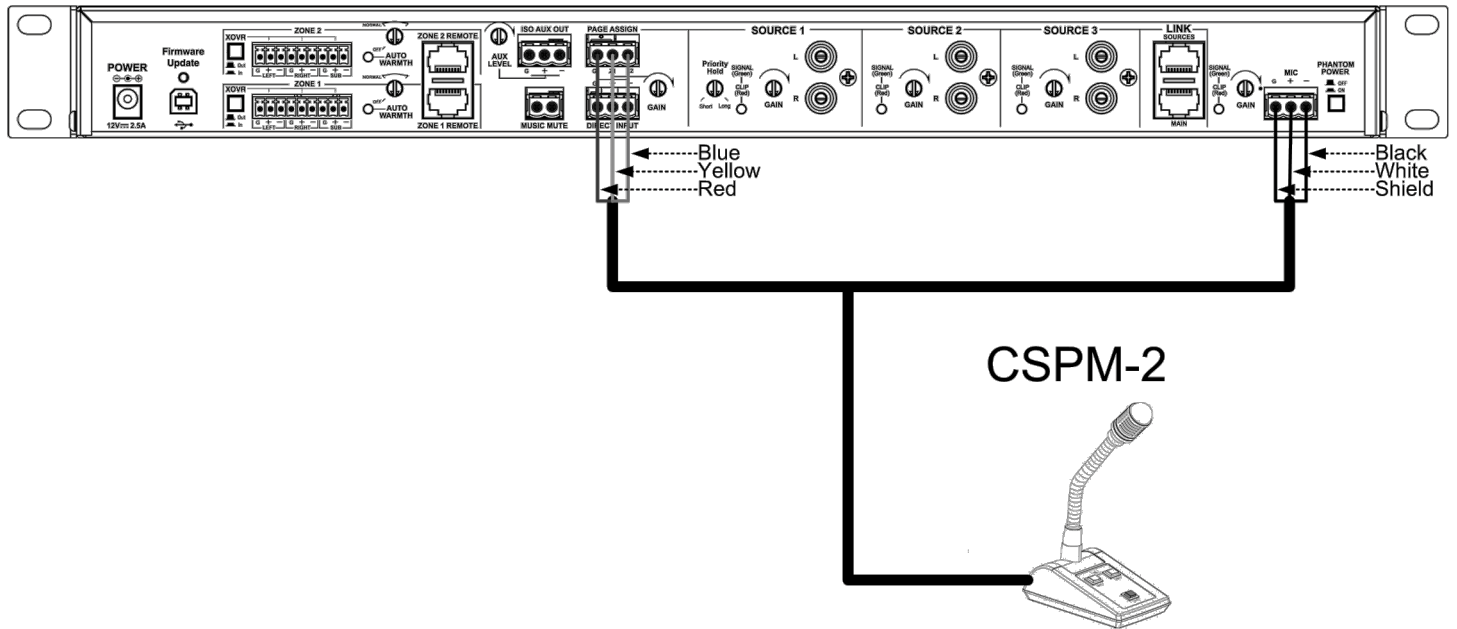## CSM-21

Black
White
Shield

NOTE: the CSM-21's 'Page Assign' pins ensure compatibility with microphones that contain a contact closure for muting the mic. Since the CSPM-1 has an audio mute switch and not a contact closure, these 'Page Assign' pins must be shorted together for proper operation when using the CSPM-1.
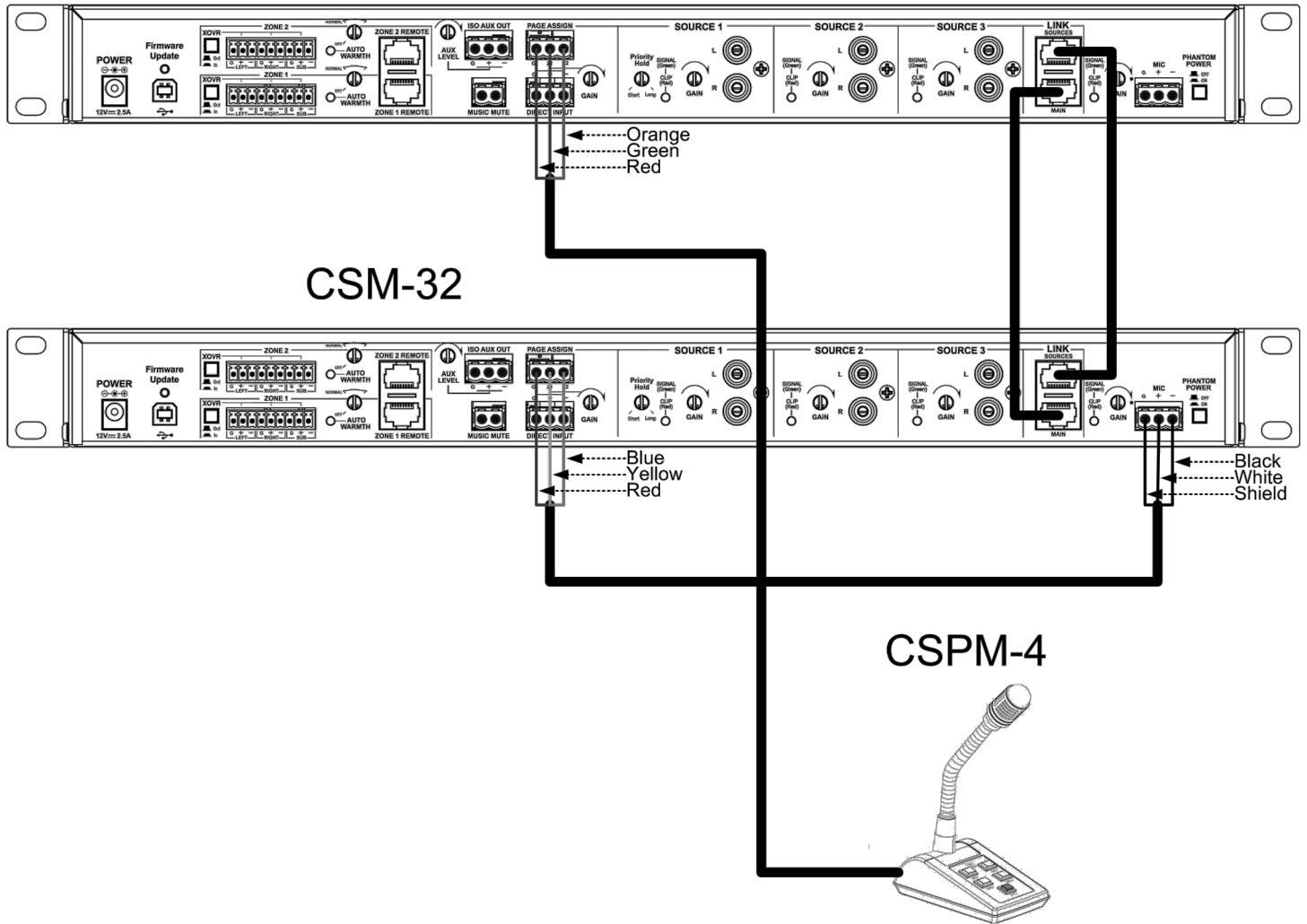
CSPM-1

CSPM-2 with CSM-32

CSM-32

Blue
Yellow
Red

Black
White
Shield

CSPM-2

CSPM-4 with two CSM-32s

CSM-32

Orange
Green
Red

CSM-32

Blue
Yellow
Red

Black
White
Shield

CSPM-4