



*CS Commercial Solution Series*

# **CSPM** SERIES

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

*Paging Microphone  
Quick Start Guide*



# Compliance Information



## 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**



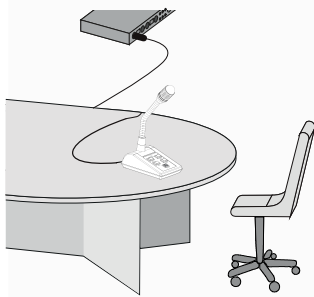
If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private household in the 25 member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

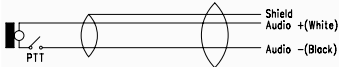
For Countries not mentioned above, please contact your local authorities for a correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

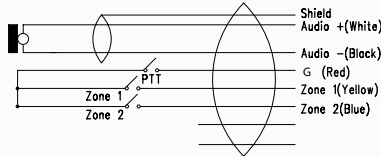
## Setting Up



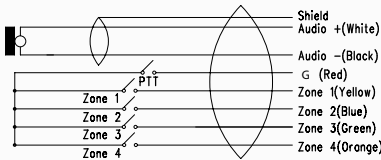
CSPM-1 Schematic



CSPM-2 Schematic



CSPM-4 Schematic



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

### 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.

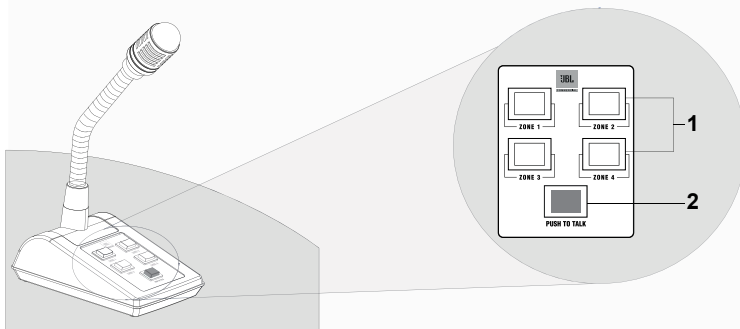
CSPM-2, CSPM-4: When the PTT button is on (pressed), zone buttons are connected to the “G” pin and sound will be routed according to the state of the zone buttons. When the PTT button is off, the zone buttons are opened and no sound will be sent to any zones.

### ZONE Button

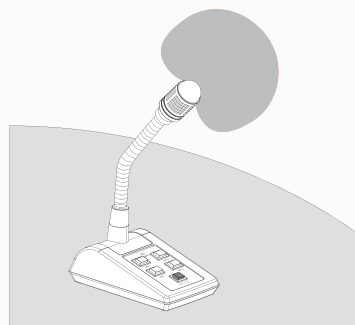
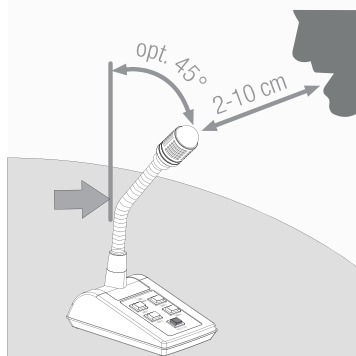
Press the zone buttons to select which zones will receive the paging announcement once the PTT button is pressed.

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

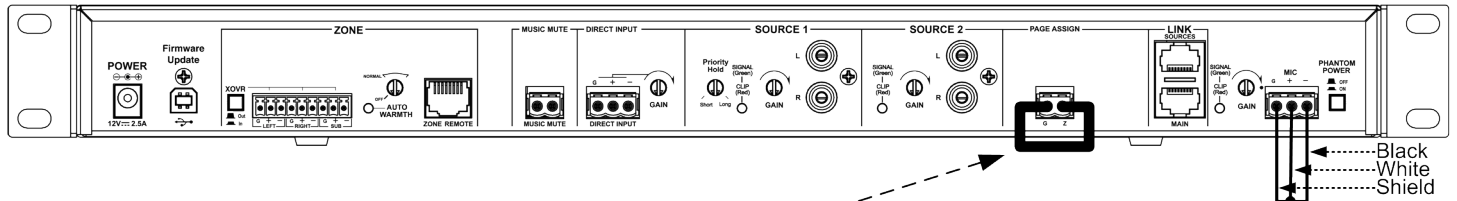


Maintain a gap between the speaker's mouth and the microphone, and do not exceed the maximum bend angle. Only bend the flexible part of the microphone.

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.

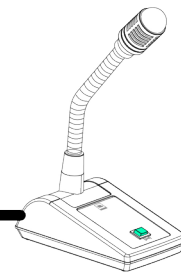
# CSPM-1 with CSM-21

## CSM-21



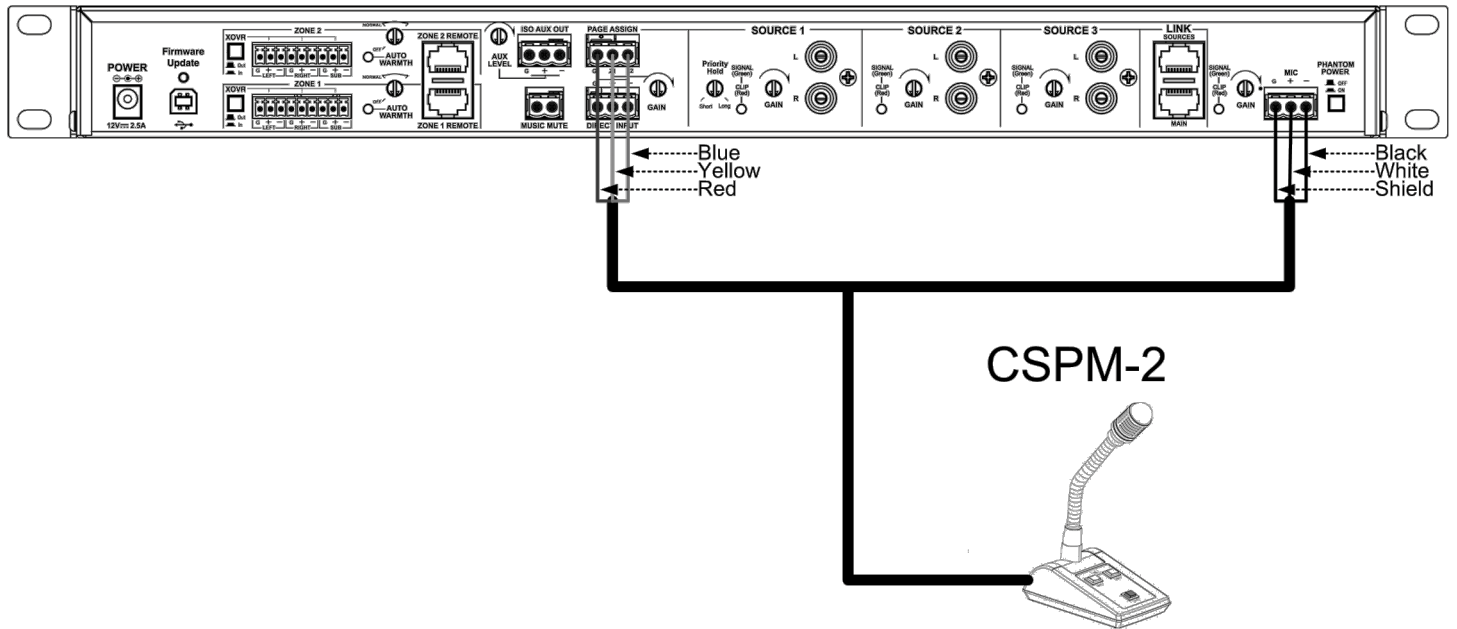
NOTE: the CSM-21's 'Page Assign' pins ensure compatibility with microphones that contain a contact closure for muting the mic. Since the CSPM-1 has an audio mute switch and not a contact closure, these 'Page Assign' pins must be shorted together for proper operation when using the CSPM-1.

CSPM-1



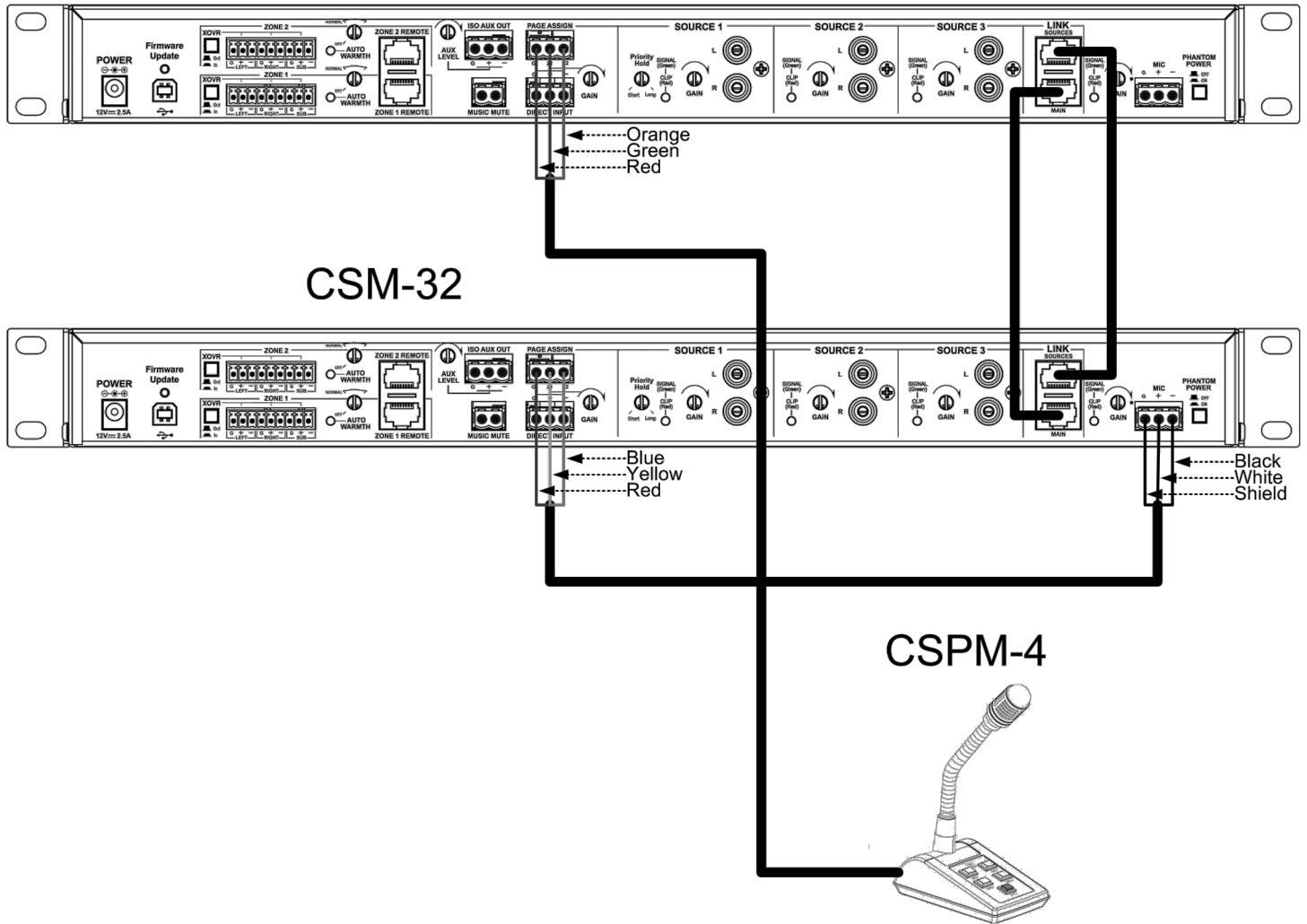
# CSPM-2 with CSM-32

## CSM-32



# CSPM-4 with two CSM-32s

## CSM-32







JBL Commercial  
8760 South Sandy Parkway  
Sandy, UT 84070  
USA  
(801) 566-8800

Part Number: 18-0897-B Issue: 03/13  
Printed in USA

This guide does not include all of the details of design, production, or variation of the equipment. Nor does it cover every possible situation which may arise during installation, operation or maintenance. The information provided in this manual was deemed accurate as of the publication date. However, updates to this information may have occurred.

Trademark Notice: JBL is registered trademark of Harman. Other trademarks are the property of their respective owners.