iMIX2 Zone mixer

CONNECTION GUIDE

2 Mono zone system

This example offers two mono zone system with possibility to select one of the different sources to each zone. Mic1 microphone is configured to be used for Zone 1 public announcements. Mic2 can be used for paging to both zones. This microphone is connected to input 4 which has voice priority function with adjustable activation level. All inputs are connected via Universal Phoenix connectors. System can be controlled via RS-232.

Sources

RS-232 control

Phantom ▲
Line/mic ▲

Phantom ▲
Line/mic ▲

iMIX2

Mic 2

Z2 Z1
stereo
mono

dip Z2 /Mono ▼
     Z1/Mono ▼

dip Phantom ▼
     Line/mic ▼
     Zone2/Z2+Z1 ▲

dip Phantom ▼   Line/mic ▼   Zone1/Z1+Z2 ▼

Amplifier

Amplifier

Zone 2

Zone 1

Mic 1

Panel controls

ZONE MIXER iMIX2

Tuner   CD   Mic 1   Mic 2   Microphones   Zone 1   Select Zone 1   Select Zone 2   Zone2
                                tone control   volume control   source   source   volume control

iMIX2 Zone mixer
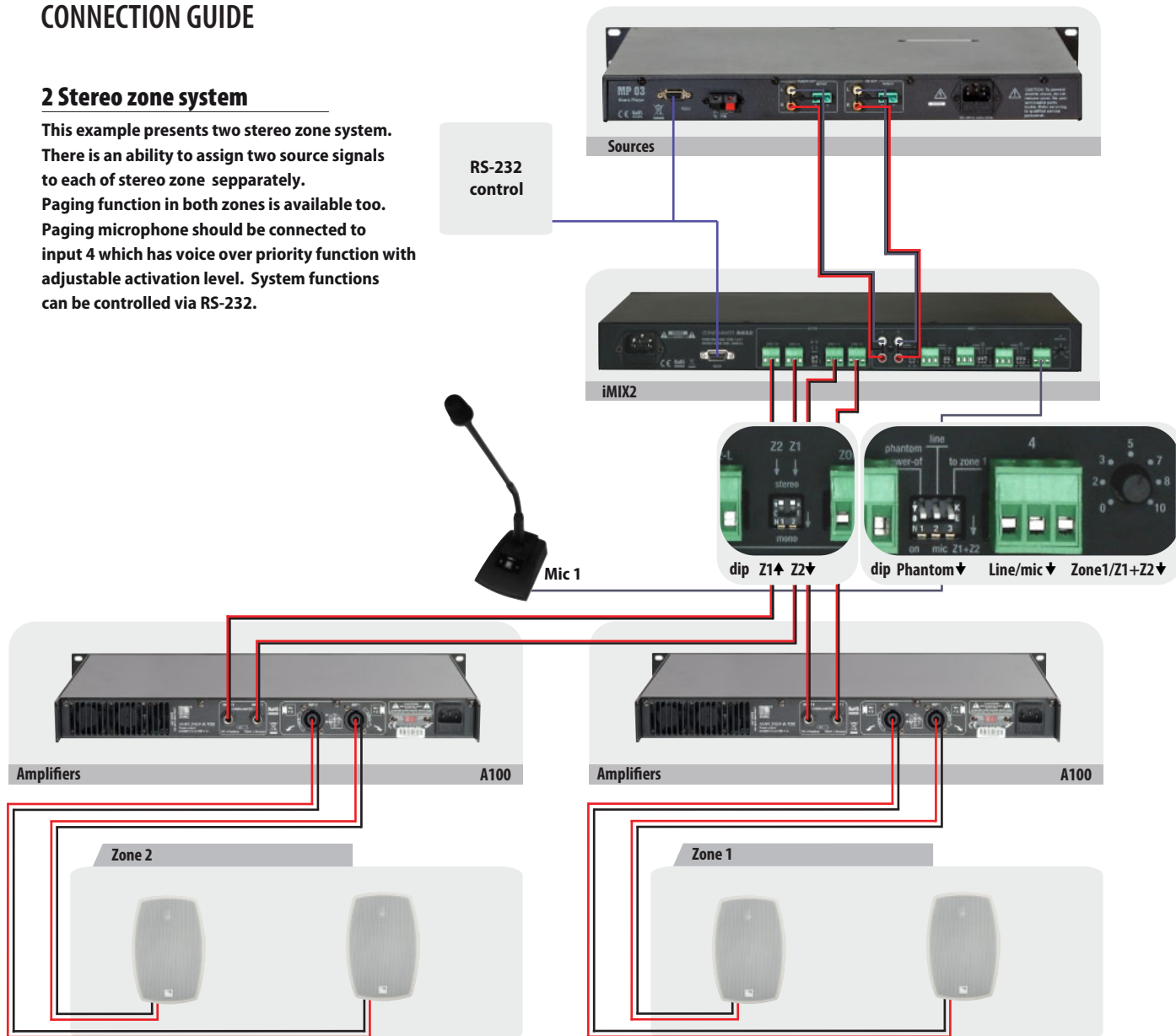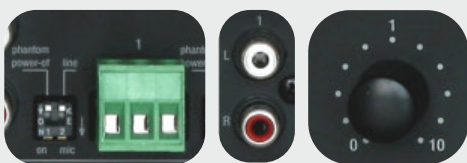
CONNECTION GUIDE

2 Stereo zone system

This example presents two stereo zone system.
There is an ability to assign two source signals
to each of stereo zone sepparately.
Paging function in both zones is available too.
Paging microphone should be connected to
input 4 which has voice over priority function with
adjustable activation level. System functions
can be controlled via RS-232.

Sources

RS-232 control

iMIX2

Mic 1

dip Z1↑ Z2↓

dip Phantom↓   Line/mic ↓   Zone1/Z1+Z2↓

Amplifiers   **A100**

Amplifiers   **A100**

Zone 2

Zone 1

Panel controls

ZONE MIXER iMIX2

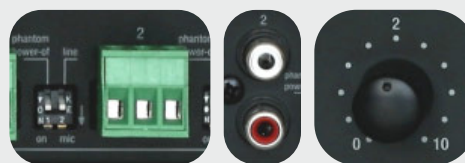| Tuner | CD | Paging microphone | Tone control | Zone 1 volume control | Select Zone 1 source | Select Zone 2 source | Zone2 volume control |

iMIX2 Zone mixer

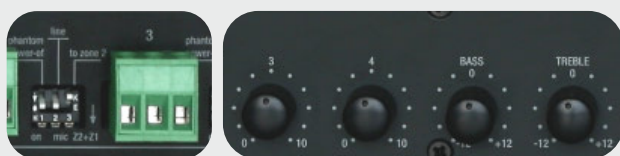## CONNECTION GUIDE

INPUT 1

Input 1 is assignable Zone 1 and Zone 2 input.
It is intended to be used with Line level signal devices,
but it has ability to accept signal from dynamic or
condenser microphones. Stereo RCA connector is disabled
when input is configured to microphone level signal.
Input level is adjusted via front panel knob „1".

INPUT 2

Input 2 is assignable Zone 1 and Zone 2 input.
It is intended to be used with Line level signal devices,
but it has ability to accept signal from dynamic or
condenser microphones. Stereo RCA connector is disabled
when input is configured to microphone level signal.
Input level is adjusted via front panel knob „2".

INPUT 3

Input 3 is Zone 2 microphone input, which can be
assigned to both zones. It also features +24V Phantom Power,
and can be switched to support Line level signal. Input level can be
adjusted via front panel knob „3". Tone can be adjusted via
combined Input 3 and Input 4 tone controls.

INPUT 4

Input 4 is Zone 1 microphone input which can be
assigned to both zones. It features voice over priority.
With „4 mute level" knob on the rear panel you can adjust
Input 4 threshold. It also features +24V Phantom Power and
can be switched to support Line level signal. Tone can be adjusted
via combined Input 3 and Input 4 tone controls.

OUTPUT ZONE 1 & ZONE 2

iMIX2 offers separate bass, treble, balance and
master volume controls for each zone. Adjusted item
values are being displayed in an indicator bar.
Initially indicator bar displays zone master volume.
„Select 1,2" button lets you choose between Input 1 and Input 2.
Selected input is being displayed on a indicator bar for 5 seconds and
switched back to initial state.

WORKING MODES

iMIX2 can be configured in a following ways:
• 2 microphone + 2 Line sources
• 4 microphone
• 3 Microphone + 1 Line source
Application varies from stereo zone distribution, paging system
to karaoke mixer.