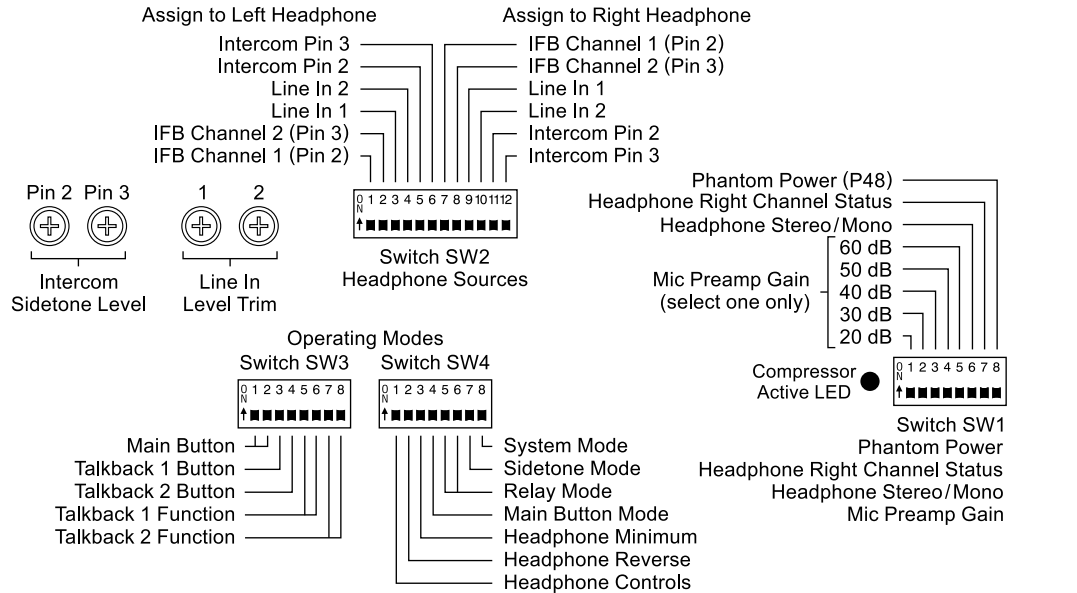# Model 230
Announcer's Console

Configuration Guide

This Configuration Guide is applicable
for the following serial numbers:
M230-01151 and later

Model 230 Configuration Settings

For full documentation go to www.studio-tech.com

Assign to Left Headphone — Assign to Right Headphone

Intercom Pin 3 — IFB Channel 1 (Pin 2)
Intercom Pin 2 — IFB Channel 2 (Pin 3)
Line In 2 — Line In 1
Line In 1 — Line In 2
IFB Channel 2 (Pin 3) — Intercom Pin 2
IFB Channel 1 (Pin 2) — Intercom Pin 3

Pin 2   Pin 3   1   2

Intercom   Line In
Sidetone Level   Level Trim

0 1 2 3 4 5 6 7 8 9 10 11 12
Switch SW2
Headphone Sources

Phantom Power (P48)
Headphone Right Channel Status
Headphone Stereo/Mono
60 dB
Mic Preamp Gain   50 dB
(select one only)   40 dB
30 dB
20 dB

Operating Modes

Switch SW3   Switch SW4
0 1 2 3 4 5 6 7 8   0 1 2 3 4 5 6 7 8

Compressor
Active LED ●   0 1 2 3 4 5 6 7 8

Switch SW1
Phantom Power
Headphone Right Channel Status
Headphone Stereo/Mono
Mic Preamp Gain

Main Button —
Talkback 1 Button —
Talkback 2 Button —
Talkback 1 Function —
Talkback 2 Function —

System Mode
Sidetone Mode
Relay Mode
Main Button Mode
Headphone Minimum
Headphone Reverse
Headphone Controls

Main Button
▼ ▼ Push to Mute
▲ ▼ Push to Talk
▼ ▲ Latching
▲ ▲ Hybrid

Talkback 1/2 Button
▼ Push to Talk
▲ Hybrid

Talkback 1/2 Function
▼ ▼ Disabled (Relay Only)
▲ ▼ Line-Level
    Talkback Out
▼ ▲ Intercom Pin 2
▲ ▲ Intercom Pin 3

Intercom Pin 2 is RTS™ TW Channel 1.
Intercom Pin 3 is RTS™ TW Channel 2
or Clear-Com® Channel 1.

Headphone Controls
▼ ▼ Level/Level
▲ ▼ Level/Balance

Headphone Reverse
▼ Normal
▲ Reverse

Headphone Minimum
▼ −40 dB
▲ Full Mute

Main Button Mode
▼ Normal
▲ Talkback Forces
    Latch Off

Relay Mode
▼ ▼ Disabled
▲ ▼ Follows Main Out
▼ ▲ Follows Talkback 1
▲ ▲ Follows Talkback 2

Sidetone Mode＊
▼ Disabled
▲ Enabled

System Mode＊
▼ On-Air
▲ Production

＊Applies to units with serial numbers M230-01151 and later.

Phantom Power (P48)
▼ Off
▲ On

Headphone Right Channel Status
▼ Enabled
▲ Disabled

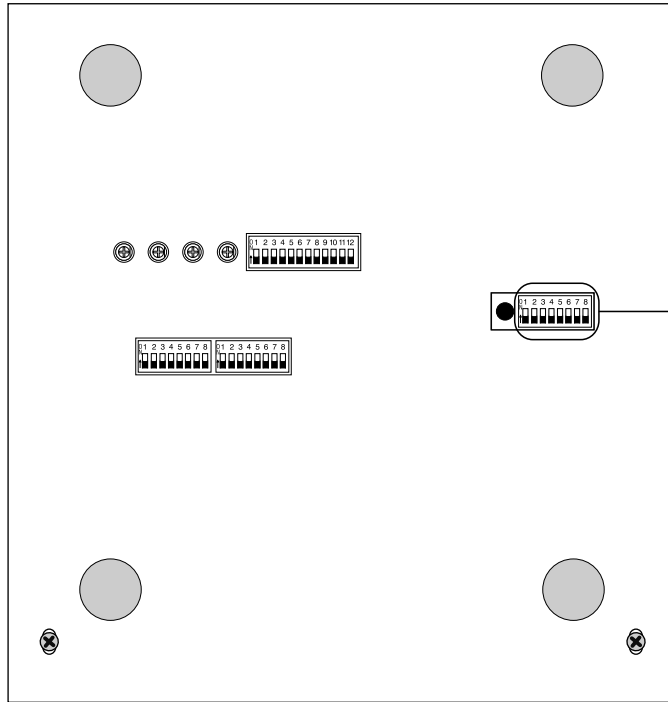**Headphone Stereo/Mono**
▼ Stereo
▲ Mono

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Model 230 Bottom Panel

Switch 1 Settings
Detailed Below

SW1-1 through SW1-5 – Mic Preamp Gain

20 dB

30 dB

40 dB

50 dB

60 dB

0 dB (no gain)
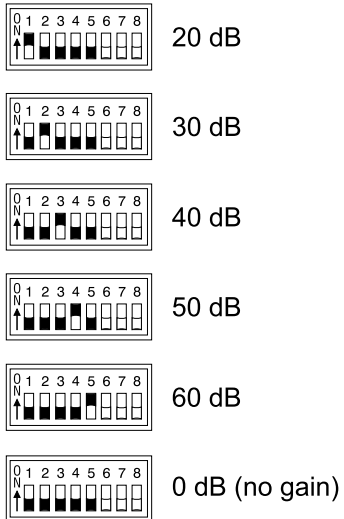
SW1-6 – Headphone Output Mode

Stereo

Mono (sums L+R)
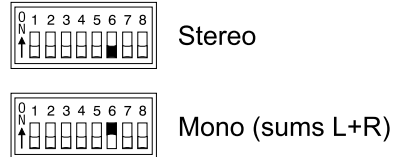
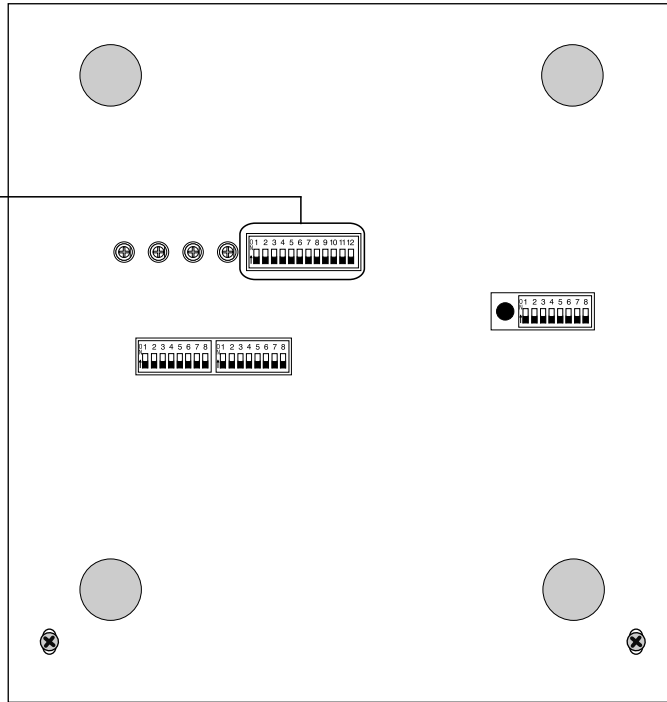## SW1-7 – Headphone Right Channel Status
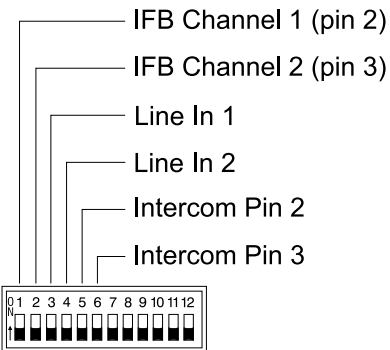
Enabled

Disabled

SW1-8 – Phantom Power (P48)

Off

On

Model 230 Bottom Panel

Switch 2 Settings
Detailed Below

SW2-1 through SW2-6 – Left Channel Headphone Source Selection

IFB Channel 1 (pin 2)

IFB Channel 2 (pin 3)

Line In 1

Line In 2

Intercom Pin 2

Intercom Pin 3

On to enable source; multiple sources will sum

Intercom Pin 2 is RTS™ TW Channel 1.
Intercom Pin 3 is RTS™ TW Channel 2,
or Clear-Com® Channel 1.

SW2-7 through SW2-12 – Right Channel Headphone Source Selection
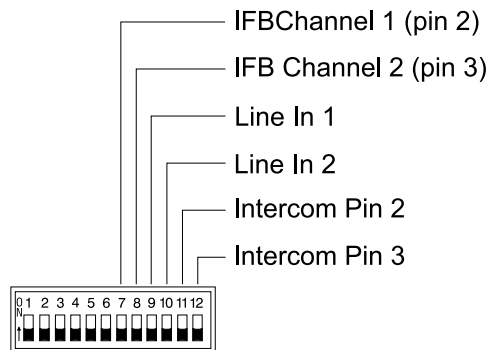
IFBChannel 1 (pin 2)

IFB Channel 2 (pin 3)

Line In 1

Line In 2

Intercom Pin 2

Intercom Pin 3

On to enable source; multiple sources will sum

Intercom Pin 2 is RTS™ TW Channel 1.
Intercom Pin 3 is RTS™ TW Channel 2,
or Clear-Com® Channel 1.

Model 230 Bottom Panel

Switch 3 Settings
Detailed Below
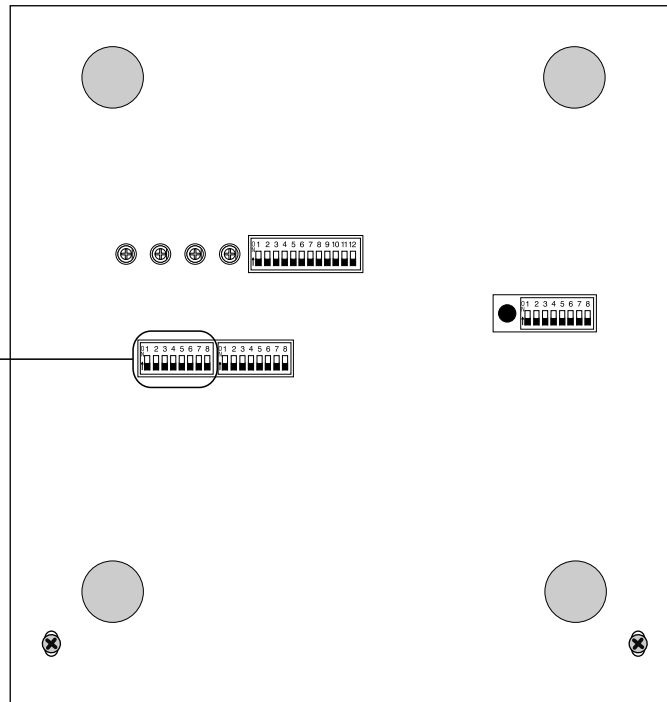
SW3-1 and SW3-2 – Main Button Mode
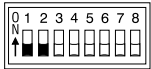
Push to mute ("cough")
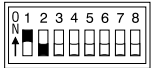
Push to talk
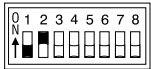
Alternate action ("latching")
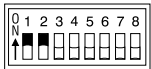
Hybrid (press and hold to enable, tap to latch)

SW3-3 – Talkback 1 Button Mode

Push to talk
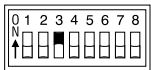
Hybrid (press and hold to enable, tap to latch)

SW3-4 – Talkback 2 Button Mode
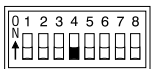
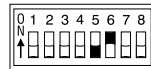Push to talk
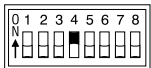
Hybrid (press and hold to enable, tap to latch)

SW3-5 and SW3-6 – Talkback 1 Function Mode
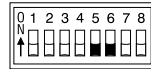
Disabled (unless assigned to relay)
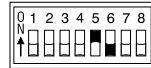
Talk to talkback output

Talk to intercom pin 2
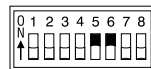
Talk to intercom pin 3

Intercom Pin 2 is RTS™ TW Channel 1.
Intercom Pin 3 is RTS™ TW Channel 2,
or Clear-Com® Channel 1.

SW3-7 and SW3-8 – Talkback 2 Function Mode
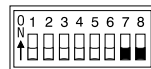
Disabled (unless assigned to relay)
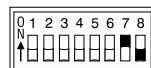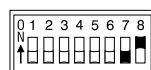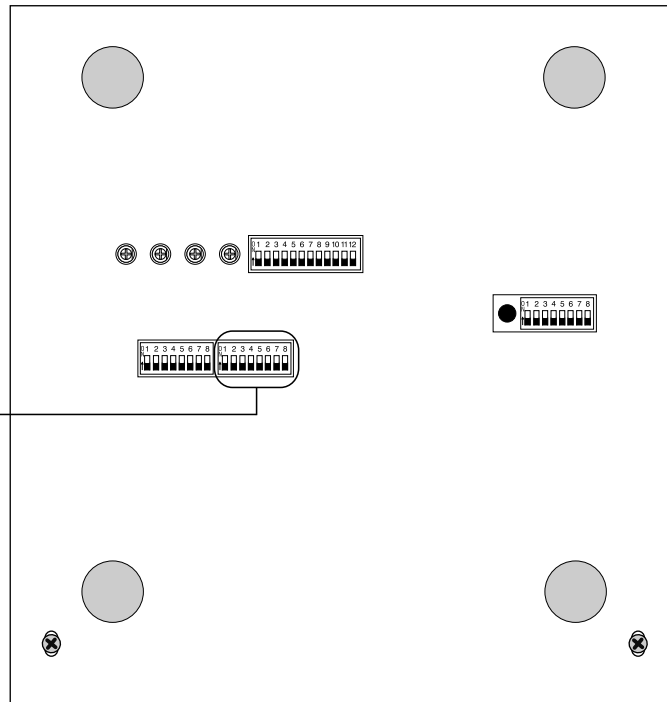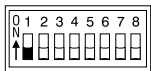
Talk to talkback output

Talk to intercom pin 2
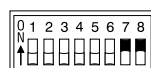
Talk to intercom pin 3

Intercom Pin 2 is RTS™ TW Channel 1.
Intercom Pin 3 is RTS™ TW Channel 2,
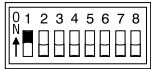or Clear-Com® Channel 1.

Model 230 Bottom Panel

Switch 4 Settings Detailed Below
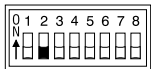
SW4-1 – Headphone Control Mode
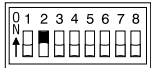
Dual channel ("level/level")

Stereo ("level/balance")

SW4-2 – Headphone Control Operation

Normal

Reverse left/right

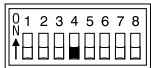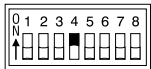## SW4-3 – Headphone Output Minimum Level

–40 dB

Full mute

SW4-4 – Main Button Mode

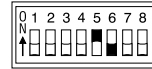Normal (talkback does not "unlatch" main output)

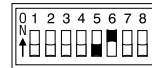Force off (talkback forces main button to "unlatch")
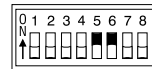
SW4-5 and SW4-6 – Relay Control Mode

Relay disabled
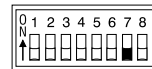
Follows main output status
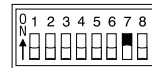
Follows talkback 1 button status

Follows talkback 2 button status
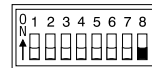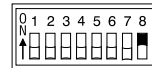
SW4-7 – Sidetone Mode

Disabled

Enabled

SW4-8 – System Mode

On-Air (talkback output status impacts main output status)

Production (talkback output status does not impact main output status)