AIRCOM commentator's unit

new features from january 2010

Zähl

Phantom Powering 48V (formerly 30V)

Although practically every condenser microphone or headset available for the broadcast range can be powered by 30V, we met the concerns of some AIRCOM users and raised the voltage to 48V.

IR-MODE (Interpreter-Mode)

More and more users apply AIRCOM as interpreter unit as well. Our small remote unit AIRCOM-IR is perfectly suited for handheld or desktop operation. We simplified the setup: In IR-MODE an interpreter microphone needs to be connected to channel A only. The signal is internally fed to both channels, A and B.

IR-MODE can be activated by an additional GPI control input on the REMOTE GPI/AUDIO connector (connect Pin 8 to +5V) and is displayed by an LED at the configuration area on the front panel. Remote unit AIRCOM-IR is, as a standard, pre-wired to activated IR-MODE.

GUEST LOCK

A GUEST channel is often used for an ambience microphone or other signals which should be permanently present at the output. GUEST LOCK forces the GUEST ON AIR button to ON. In case the operator accidentally touches the button, it will have no effect.

GUEST LOCK is activated by an additional GPI control input on the REMOTE GPI/AUDIO connector (connect Pin 7 to 0V).

GUEST LOCK is independant of REMOTE LINK mode, as it is more a configuration feature than a typical remote function.

Compatibility note: Pin 7 may only be connected to 0V at AIRCOM units built from 2010. On units before this date, Pin 7 is connected to +5V internally!

Features

Individual Mic input configuration: 48V phantom powering, 24dB/oct. Hi Pass, Limiter, alternative line input for guest channel

Dedicated ON AIR outputs for commentator A, B and Guest plus summed output, ON AIR overall level display

Three 4-wire intercom channels, signalisation of incoming signals, optional IF/B monitoring function

Intercom function between commentators A and B

6 monitoring sources per commentator: program, sidechain, co-commentator and three 4-wire channels

Monitoring L, R or mono, individually configurable for each source/ commentator, more monitoring options like sidechain pre/post, Conference, Com A/B, etc.

Remote audio I/Os: commentator A/B outputs selectable pre/post, alternative stereo program inputs

Remote GPI-Out for ON AIR- and intercom-logic

Remote GPI-In for OFF AIR and Sidechain Cut, depending on LINK-Mode

ON AIR Lock Mode, Test-Oscillator, A/B idle function (Guest substitutes A or B when OFF AIR), GUEST LOCK, INTERPRETER MODE, etc.