COMMON SCENARIOS

Basketball Game / Sporting Events

Client would like to provide students access to the Gym speaker at the score keepers location using a 2 channel mixer. Mixer can receive input and adjust volume from a PC, MP3, CD player and Microphones. The client would like to control the on/off state and maximum volume of the time keepers mixer at a secure audio equipment location.

Assemblies

Client would like to plug in a PC, MP3, CD player and Microphone at the north wall location using a 2 channel mixer. Mixer can receive input and adjust volume from PC, MP3, CD player and Microphones. The client would like to control the on/off state and maximum volume of the north wall mixer at a secure audio equipment room location.

Fire Alarm

Audio program originating from the mixer must be muted when the school’s fire alarm system is activated. EVAC system announcements are engaged via the EVAC system. In cases where EVAC is not installed priority control is preferred. Audio programming originating from the mixer is muted and channel 4 activated. Microphone feed from office is tied to CH4.
GYMNASIUM SOUND SYSTEM
GYM CONTROL RASX4 AND RAMX2 WALL MIXERS
SCALE 1:1 - ACTUAL SIZE

GYM SOURCE SELECTOR AND VOLUME CONTROL

GYM RASX4 controls volume and sources to the gym Speakers from:
(CH1) Background Music 1
(CH2) Background Music 2
(CH3) Background Music 3
(CH4) RAMX2 Mixers Timekeepers and North Wall

TIMEKEEPERS RAMX2 MIXER

Plug in a PC, MP3, CD, Tuner or Microphone
Select “MIXERS” on the Bar RASX4 controller
to source Audio from the RAMX2 mixers.

NORTH WALL RAMX2 MIXER

Plug in a PC, MP3, CD, Tuner or Microphone
Select “MIXERS” on the Bar RASX4 controller
to source Audio from the RAMX2 mixers.
GYMNASIUM SOUND SYSTEM - RASX4 AND RAMX2

All CAT 5 wire ends wired to the Connectors supplied as per this diagram

Gymnasium Source Selector and Volume Control

Equipment Room

CH4 BG Music 3
CH3 BG Music 2
CH2 BG Music 1

Fire Alarm Mute

Score Keepers Mixer
PC, MP3, CD, Tuner, Mic

North Wall Mixer
PC, MP3, CD, Tuner, Mic
GYMNASIUM SOUND SYSTEM
EQUIPMENT ROOM CONTROL RASX4 AND RAMX2 WALL MIXERS - BLOCK FUNCTIONAL

GYM AREA SOURCE SELECTOR
AND VOLUME CONTROL

RASX4
CH2 CH3
CH1 CH4
Off

(IN) RASX4 (OUT) RAMX2 Connector
CH4 Connector
CH4 CH4
CH3 CH3
CH2 CH2
CH1 CH1

BG MUSIC 3
BG MUSIC 2
BG MUSIC 1

MUTE TO FIRE ALARM

Jumper to CH4

MAIN OUTPUT

GYM AMP

SP840A or SP860A Speaker

PC MP3 CD TUNER MICROPHONE

TIMEKEEPERS MIXER

 Ramsey2 (CH4)

PC MP3 CD TUNER MICROPHONE

North Wall Mixer

 Ramsey2 (CH4)

Jumper to CH4

IN OUT

Out

Out

IN OUT

OUT

PC MP3 CD TUNER MICROPHONE

RASX4 (CH4)

RASX4 (CH4)

RASX4 (CH4)

RASX4 (CH4)

RASX4 (CH4)