



SM8/SM16-RC Remote Controllable Microphone Switcher Instructions

If your system requires 16 audio zones, you must use an SM8-RC and an SM16-RC switcher. The SM8-RC handles zones 1-8 and the SM16-RC handles zones 9-16.

Front panel controls and indicators

1. When powered up, the SM8/16-RC is in remote control mode (the front switches do not work.)
If you want to control the switcher manually, press and hold the Zone 1 button until the "Recorder" indicator light goes out.
2. You can now select and deselect Zones by pressing their channel buttons.
You can also set the volume of a Zone by adjusting the Level control.
3. To go back to RS-232 control mode, press and hold the Zone 1 until the "Recorder" light illuminates.

Note: The SM8-RC will remember what zones were in or out after a power outage. There are two memories; one for local and the other for remote control.

Rear panel connections

1. PWR: The SS8/16-RC uses a 12Vdc 1amp transformer. *The SS8/16-RC and SM8/16-RC use SEPARATE AC adapters.*
2. Audio Out Connector: Connect this to the Audio input of your remote monitoring equipment.
3. Audio In Connector: When using 16 zones of audio, connect the Audio output of the SM8-RC to the input of the SM16-RC using the supplied RCA patch cable.
4. RS-232 Connectors: This is a looping RS-232 input and output. You only need one RS-232 port on your remote monitoring equipment to control up to 4 SM8/16-RC and SS8/16-RC devices. Plug the RS-232 DB9/3.5mm cable into either RS-232 jack on the SM8-RC. Connect the other end of this cable to your remote monitoring equipment. Plug the supplied 3.5mm/3.5mm patch cord into the other jack if using a 16 zone system (see connection diagram).
5. Microphone inputs. Use a single pair shielded #22 wire for microphone cable runs. You can connect any SM1 series microphone to the SM8/16-RC inputs.

SM8RC- microphone mixer/switcher. 2 Cascade able units up to 16 channels.

Remote control is done via RS-232 8N1 2400 baud. All commands are capital letters or numbers. All commands MUST be followed by a CR character.

"Mlx" Where x is the microphone you want on.

"MOx" Where x is the microphone you want off.

"MN" Turn all microphones off.

"MA" Turn all microphones on.

String formats:

"M1,5,B" is a valid format. Turns on microphones 1,5 and 11.

"MO2,3,E" is a valid format.

SM8 Microphones 1-8 are addressed with ASCII 1,2,3,4,5,6,7,8.

SM8 Microphones 9-16 are addressed with ASCII 9,0,B,C,D,E,F,G. For example, to punch up microphone 14, you would send "MIE"

Warranty

All ETS products carry a one year parts and labor warranty. This warranty does not cover damages as a result of misuse, improper handling of the unit or exposure to extreme temperatures or moisture. At its discretion, ETS reserves the right to repair or replace this unit under the conditions of the warranty. If you experience problems with your equipment call ETS at: 505-888-3923 to obtain a return authorization number. Equipment requiring repair beyond the warranty period or units that have been damaged or are not covered under the warranty can be repaired by ETS for a minimal cost under most conditions. Made in USA.

SOUND SURVEILLANCE SERIES MICROPHONE

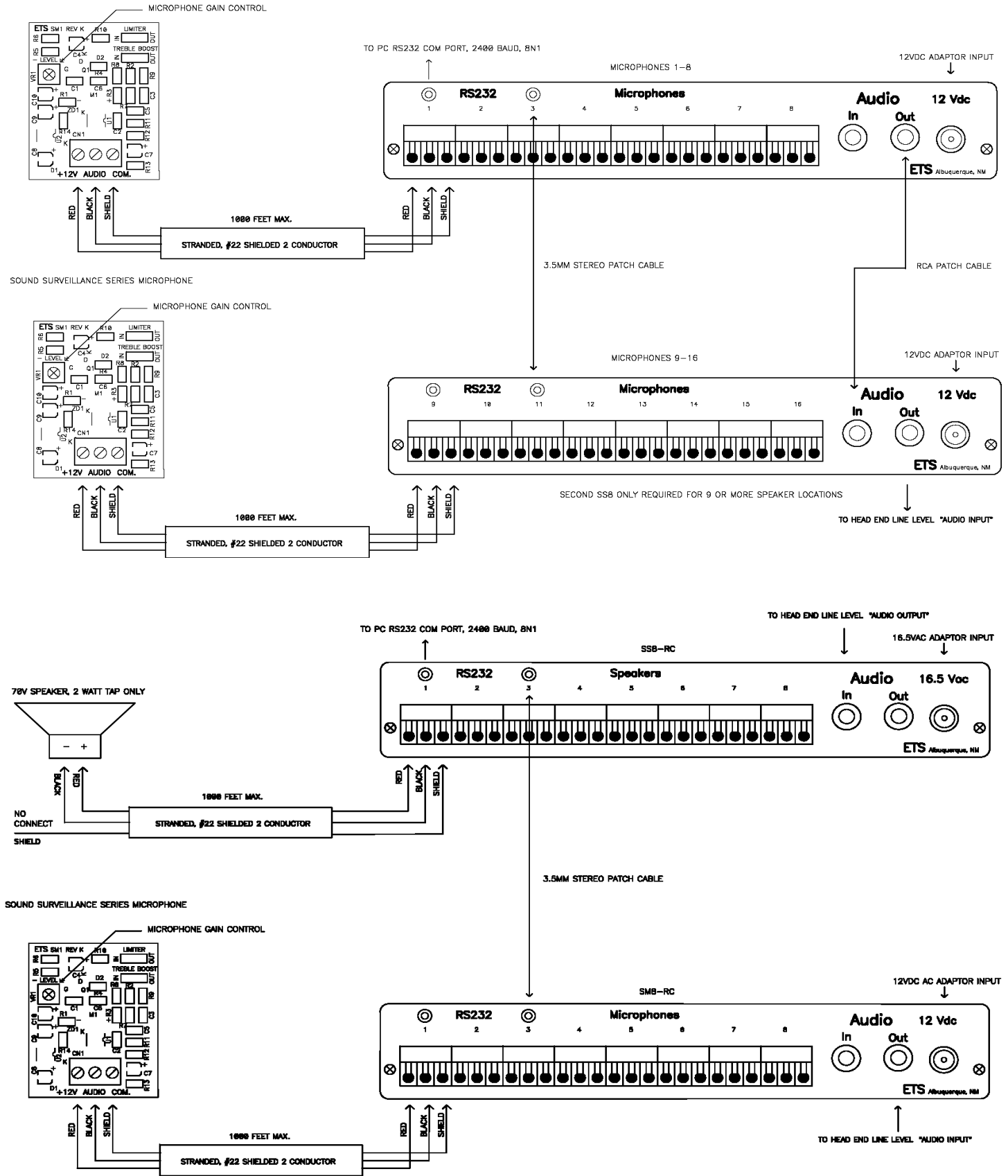


FIGURE 2. 8 CHANNEL TWO-WAY CONFIGURATION