

SYSTEM OPERATION:

DOOR STATION:

Momentarily depress call button to sound chime at master. Conversation is now **HANDS FREE**. Do not depress button during conversation.

MASTER STATION:

Call from door is announced by a two tone electronic chime. Depress the Talk button to speak. Release to Listen. Master station shuts off automatically approx. 15-20 seconds after Talk button is last released.

INSTALLATION

MASTER STATION: (Model SM202)

Remove front cover of unit by pulling out at bottom. Make connections as shown in wiring section. Unit surface mounts to single gang electrical box or directly to wall with screws provided.

DOOR REMOTE STATION: (Model OR202)

Make connections as shown and surface mount to single gang electrical box or directly to wall with Black screws provided.

DOOR RELEASE

OPTIONAL:

A separate low voltage power supply is required to power the door release. Choose correct voltage to match your door release. **DO NOT** exceed 1 amp, 50 volts. For new construction a door release is recommended. Wiring from door release to master **MUST BE SEPARATE** from communication wiring (do not run in same cable), to avoid AC hum. Connect to master terminals '1' and '2' as shown.

WIRING

1. Use single pair #22AWG (0.65mm) for up to 250 ft. (75m) or #20AWG (0.8mm) for up to 280 ft. (115m).
2. You may use existing chime wiring between master and door remote, subject to above limitations. Disconnect bell transformer first.
3. Master to Door Remote wiring is non-polarized. Either wire can be connected to either terminals 'L' and 'L'.
4. DC Power Supply (when used) is important. Positive is connected to (+) and Negative is connected to (-).
5. Instead of the DC power supply you may use four (4) 'C' (SUM-2) batteries of 1.5V each. For OPTIONAL power supply specify **Model SS6C**.

CAUTION

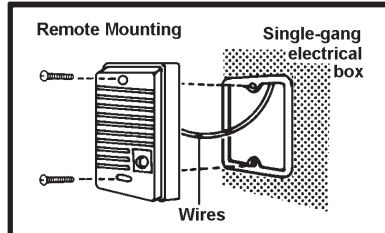
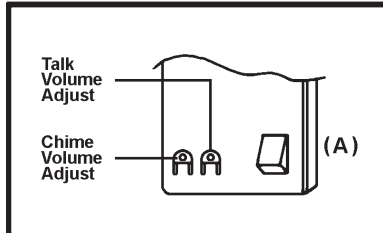
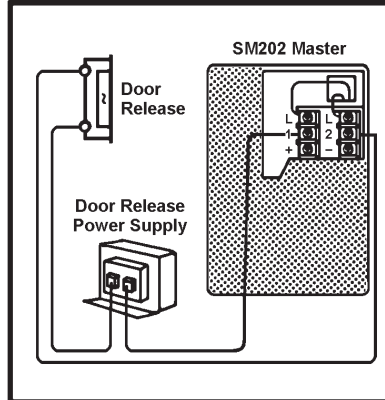
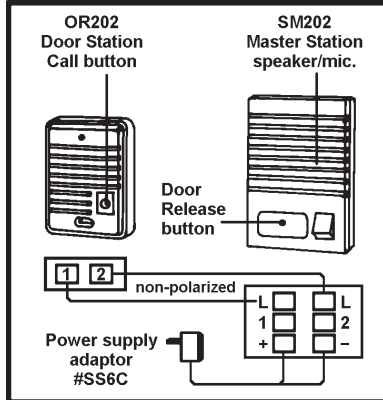
If replacing an existing door bell or chime **DO NOT ATTEMPT** to use the existing bell transformer as a power supply to the master station. This will severely damage the unit and void any warranties.

VOLUME ADJUSTMENTS (Voice and Chime)

Remove front panel and make adjustments, using a small screwdriver, as shown in Fig (A). Be careful not to push the volume control mechanism backwards, which could cause it to break off and cause the system to stop functioning.

WARRANTY

Limited 1-Year warranty. See our website for more details.



NOTE: When using a conduit between the master and substation, there is a possibility of feedback (loud squeal caused by sound travelling through the conduit). To prevent this, put sponges or other sound deadening materials around the wire and insert into conduit (at both ends), Units should not be mounted on a common wall back to back or too close to each other or feedback may occur.

INSTALLATION GUIDELINES and GENERAL INFORMATION:

1. All low voltage wiring is #22 AWG, unless otherwise noted.
2. Observe all local and national electrical codes.
3. All terminals connections shown may not be in the order that they appear on the equipment.
4. If using a 2nd OR202 Remote, connect it in parallel to the 1st OR202 Remote Station.

42 Central Drive, Farmingdale NY 11735-1202
(631) 777-5500 Fax: (631) 777-5599
TOLL-FREE Technical Line 1-800-666-4800
Email: info@alpha-comm.com

TYPICAL WIRING DIAGRAM FOR SM202K Intercom Kit with SM202 Master and OR202 Remote with optional Electric Door Release