Model# 2411NVR (3-Wire) Vandal-Resistant Apt. Intercom Station

> **NOTE: terminals shown may not be in the order that they appear on the equipment.**

This station is designed to be surface mounted over a 2-gang electrical box or directly on the apartment wall.

Use #22 gauge AWG (or heavier) tinned copper/plastic jacketed wire. Each wire should have a different color to aid in the
connecting process.

Recommended Colors and Connections for 3 Wire Systems

'C' - Black
'T' - Red
'B' - Grey

> Note: Some older Auth-Florence stations reversed the colors on the 'B' and 'C' connections. If the standard recommended connection does not work, try reversing the 'B' and 'C' connections.

'T' and 'C' are wires that are 'common' to all apartments. The 'B' wire is a dedicated wire running from the vestible push button panel and corresponds to an individual apartment station. It is a separate (home-run) wire for each apartment. It is recommended that you run 1 or 2 extra (spare) wires in your cable. Extra wires can be used to replace wires that may become demaged or broken. They may also be used in the future to change or upgrade the intercom system.

Cabling should not be run in the same conduit or in close proximity to electrical (AC) wiring, background music wiring, fluorescent lights or other equipment which may cause interference. The apartment intercom wires should be run separately from the vestibule (lobby) speaker wires.

Connect the common wires 'T' and 'C' to each apartment stations's 'T' and 'C' screw terminal. Conenct the 'B' terminal to the individual apartment's doorbell signal wire.

Before connecting the 'T' and 'C' wires to the AF-1000 amplifier, use a continuity (ohm) meter and check for shorts and grounds. There should be no reading between 'T' and 'C' or between any wires and the conduit.

NOTE: for balance of system wiring, see the AF-1000 amplifier wiring diagram(s).

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

Installation Instructions for the #2411NVR Vandal-Resistant Apt. Intercom Station, when used with the AF-1000 series apt. intercom amplifier.

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