

VIDEO DOOR ENTRY SYSTEMS

Doc Ref IN9008 20000629



Entrypoint Video

Thank you for choosing the SRS video door entry system. A number of accessories are available for the entry panel including surface mounting frames, rain cover and mitred bezel frame.

Important note

These instructions should be read in conjunction with 9007 instructions. These can be found in the 9007 packaging.

Operating Instructions

Upon pressing one of the external buttons the corresponding video phone handset sounds (only when on hook). The CRT should illuminate for the period set on the 9008 (5 Second to 9 Minutes). When the called videophone handset is picked up, contact is established and conversation may take place. In order to operate the electric lock the push button marked by a key symbol should be fully depressed.

Two other buttons (AN7320) are provided for auxiliary use.

How does it work?

The 9008 power supply unit is used with the 9007 to provide power to the video door entry system.

When a call is made current is drawn from C on the 9007 through the 9008, C1 to C2. This is sensed by the 9008. When the 9008 detects a call its internal timer is started which turns on R2 & R1 (power for the monitor, 13 - 18 VDC) and +TC (power for the camera 12 VDC). The timer on the 9008 can be adjusted from 5 secs to 9 minutes.

The 9008 provides power for one monitor at a time only. There must be a minimum of 13 Volts across R1 & R2 at the monitor(s), when it is called, for it to operate correctly.

If further monitors are required to be on at the same time, or the distance from the 9008 to the monitor is in excess of 30 metres then a local monitor PSU (type AN5498S) will be required per monitor. If a system has more than one monitor, a 4 way video distributor will be required (type AN0606), one per four monitors.

Heater connection

In exposed conditions it may be necessary to connect the heater. This is an AC powered heater and is connected as follows,

9007	Panel
0	Htr
AC	Htr

The heater is fitted underneath the camera unit to help prevent condensation.

IMPORTANT NOTE: When using 9432 multi-entrance relay(s) with the 9008 video psu please ensure that the resistor marked R6 on the 9432 (raised off the PCB) is cut from the circuit cleanly. This resistor is only required in multi-entrance audio only systems.

Fitting the panel

The back box should be embedded so that the amplifier sits at a height of approximately 1500 mm from the ground level. It is important that the front edge of the box is flush with the face of the wall. A number of problems may arise if the back box is incorrectly fitted. The front plate is secured using SRS security screws. Make sure that the correct screw-driver is used to tighten them otherwise they will not be secure.

AN0606 Video Distributor

An SRS video door entry system utilises a composite video signal type input to the monitor. Where more than two monitors are required to be driven from one camera signal, a video distribution unit(s) must be used.

Applications for the use of this device are in systems with simultaneous illumination of two or more monitors, or where there are more than two monitors on a system. To overload the original signal source will result in degrading picture quality.

Operation of a AN0606

The AN0606 video distributor accepts a standard 1 volt composite video signal in and transmits 4 buffered outputs. The unit is powered by a voltage being present at the time of calling a monitor. The voltage input is connected to terminals (1+3), 12 to 18VDC, they are derived from (R1 & R2) on the 9008 video power supply unit. Each buffered output is connected to the input of a monitor and a parallel resistor of 75 Ω must be connected to the monitor input. The drawing opposite shows the new wiring scheme.

Brass Panels

Brass panels should be cleaned with "Duraglit" wadding. Do not use a liquid cleaner.

Whistle - Larsen

A high pitched screech upon lifting the handset is a sign of either:

- Excessive internal amplification (Volume requires adjustment)
- Excessive external amplification (Volume requires adjustment)
- Unhooked handset hanging down & facing wall
- Short circuit on wires 1 & 2
- Incorrect cable used on a long cable runs.
- Poor alignment of microphone to hole in front plate.

Call tone is not loud enough!

A extension call ringer can be added (part no 5174), only one per call button may be used. Alternatively you can use 5127 timer to trigger any sounder device. 5126 strobe light and inductive ear piece are available for the hard of hearing.

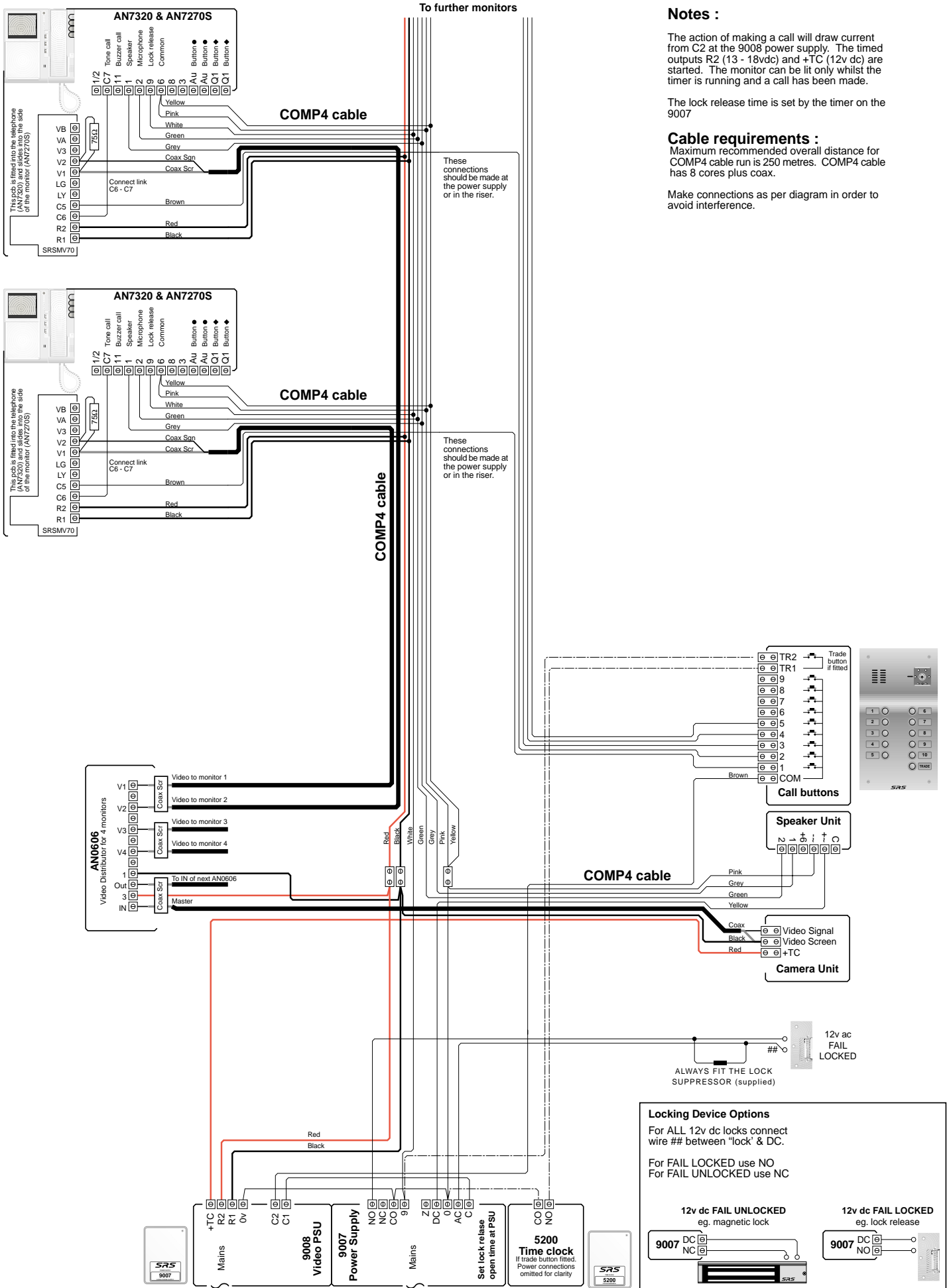
CE Requirements

This product was tested for compliance with EC directive 89/336/EEC with the panel connected to Mains Earth.

Always ensure that external metal parts are connected to mains protective earth to avoid electrical shock hazard.

Alternative Diagrams

INDC30M - adding a keypad





Two entrance video door entry system - with trade facility

Drawing Reference : 2D nM2ET 20000629

