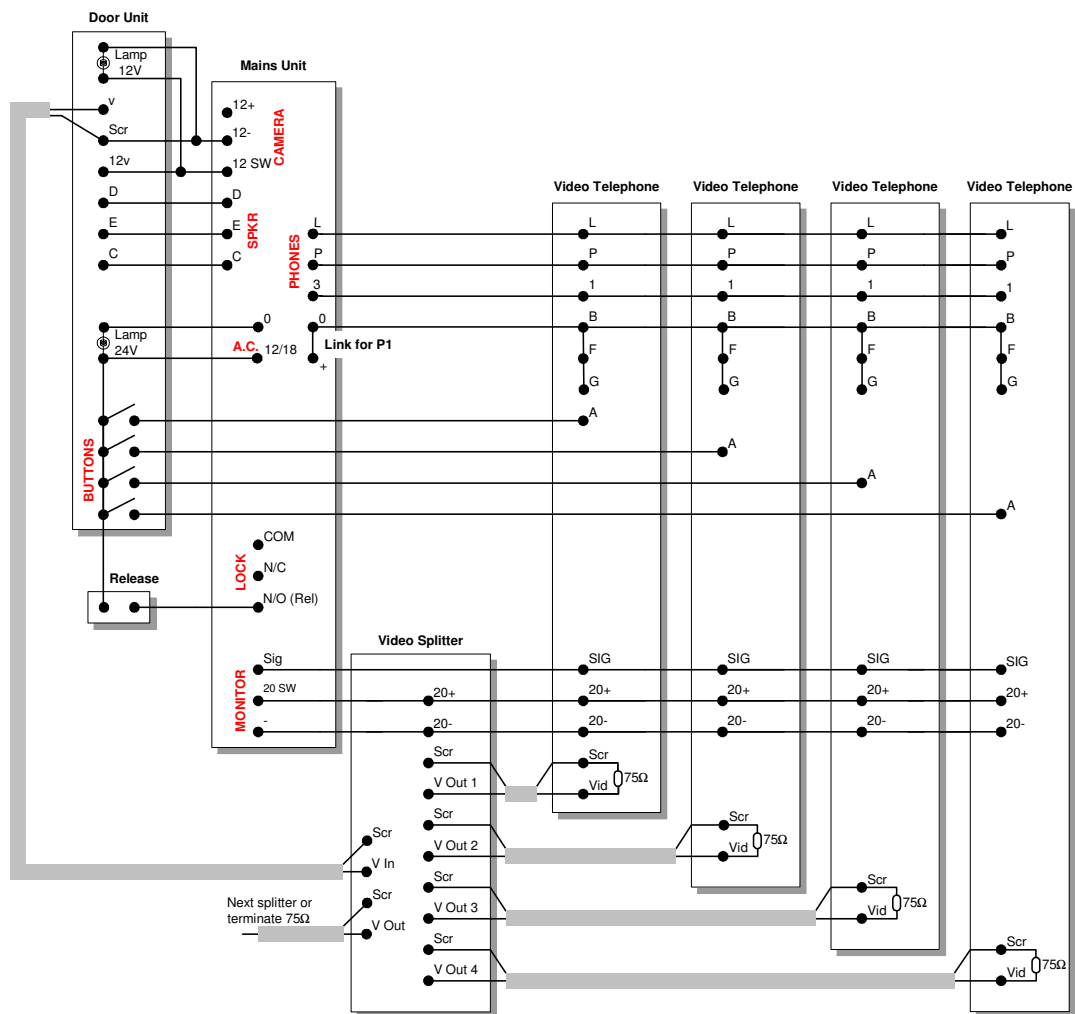


Plan 1

(Door)

Entryphone® 200 PTS Video Wiring Diagrams

V
I
D
E
O



Operation

Plan 1 provides calling and audio visual communication and remote door opening for as many answer points as required. The video telephone is activated for a preselected time when it is called.

Notes

- If too many telephones are called at once the system will reset.
- Lamps:
24 volt festoon lamp is for back lighting (multi-button panels only)
12 volt festoon lamp is for video subject lighting.
- 75 ohm termination resistors are fitted in each phone and are required at all co-axial line ends. If there are two monitors on one splitter output then the termination resistor must be on the furthest monitor only.
- Colour, contrast and brightness are set at manufacture. There are controls on the circuit board that are not available to the user

3. Lock Button Mode - (Default always)

By default the release button will always work (jumper right)

jumper left = the release only works when the video screen is on.

jumper off = the release only works after a call has been answered

PROBLEM?

PLEASE DO NOT HESITATE TO CONTACT OUR
TECHNICAL DEPARTMENT
WE ARE HERE TO HELP!

020 8870 8635

Jumper options

- Press-to-Speak Start - (Default on)
If the jumper is removed the phone cannot be turned on locally
- Auto-On - (Default on)
If this jumper is removed the phone will not turn on when called.

Product	Description	Material	Colour	Models available
200PTSP	Vertical press-to-speak colour video telephone	ABS	BT White	201PTSP 202PTSP 201PTSPS

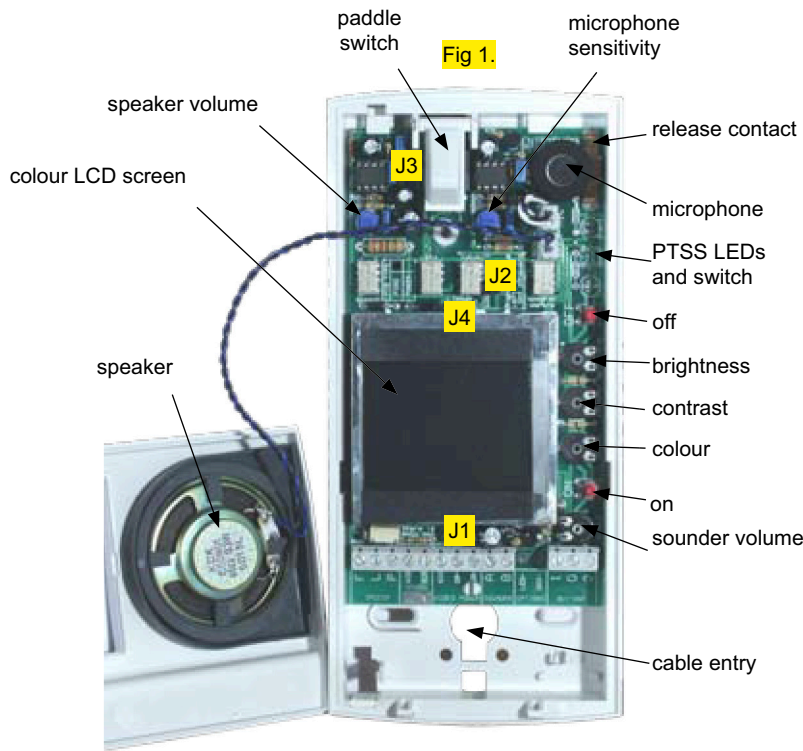


Table A

Connections		
Speech	F	Speech common
	L	Speech from the door
	P	Speech to the door
Video	VID	Video signal
	SCR	Video screen
Video Power	SIG	Signal
	20-	'-' 20V DC
	20+	'+' 20V DC
Sounder	A	Sounder
	B	Sounder
Options	LED+	Red LED*
	DOI+	Green LED*
Buttons	1	Button #1
	G	Buttons common
	2	Button #2
* only on 201SS		



Fig 2.

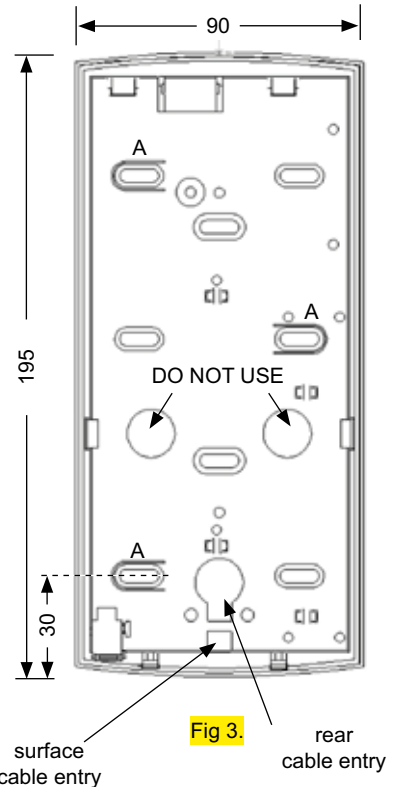


Fig 3.

Table B

	Label	Jumper in	Jumper Out
J1	Auto On	Monitor will turn on when called	Monitor will not turn on when called
J2	Lock Button	Left pair Release only active when monitor is called	Lock only active following a conversation
		Right pair Release button always active	
J3	PTS start	Monitor will turn on when paddle pressed	No local on facility
		Invert	Normal
J4	Image	Top of image by connectors	Bottom of image by connectors

Fitting Instructions

This version of the Entryphone PTS telephone is intended for vertical mounting. These instructions are written expecting the unit to be fitted with the speech paddle at the top. It can be fitted the other way up but bear in mind that the cable entry position will be different and the screen invert jumper (J4) needs to be changed

1. Ideally, wiring should enter the PTS from the rear as per Fig 3 but can also be wired surface as shown. The top of the unit should be at a height of 1.4m (700mm for a disabled user) from floor level.
2. Unpack the unit and remove the large button paddle by prising it off with a small flat headed screw driver inserted between the button and the case at the lower right hand side (fig2). This will reveal the screw securing the cover.
3. Loosen the cover screw and lift the cover carefully from its base.
4. Unplug the speaker lead from the PCB.
5. Remove the PCB from the base by lifting from the left end.
6. Using the base as a template, choose suitable fixing positions using some of the eight possible oblong fixing holes, though we recommend the holes marked 'A' where the wall is not completely flat and smooth. Drill and plug the wall appropriately.
7. IMPORTANT Please use the fixing screws provided or alternatively use countersunk screws with a maximum head size of 8mm diameter. The head must not protrude above the base by more than 2mm or this will interfere with the printed circuit board and cause a short and possible damage.

8. Replace the PCB ensuring it is firmly in place and retained properly by the clips on the base. Make sure the button switch actuator is in place.
9. Make the connections as indicated on the wiring diagram.
10. Set the options required as per table B.
11. Reconnect the speaker wires and replace the cover. Engage the clips at the left end and secure it with the screw. Ensure the cover is properly seated and all the wires are within the casing.
12. Re-fit the large paddle button by positioning the upper clip and one hinge pin in place and snapping the other hinge pin into place.
13. Check the operation of the paddle switch by depressing it and making sure that you can hear the microswitch click twice. If not, re-check that both the cover and the PCB are correctly located. If the switch is still not activating correctly it is likely that the baseplate is distorted because it has been mounted on a distorted surface.
14. To operate – press paddle to speak to caller, release to listen. Press small button on lower left hand side to admit callers. The monitor will automatically turn off after a preset time (20 seconds to 2 minutes, adjustable in the power supply).

The Entryphone Co Ltd, 23 Granville Road, London SW18 5SD,
T+44(0)20 8870 8635 F+44(0)20 8874 0066
entryphone.co.uk