# Generic GT Video System Wiring Example

PS-2420D

GT-BC

GT-1C7-L / GT-1M3-L / GT-1C-L / GT-1M-L - Compatible

| − | + |

| + | − | R1 | R2 |

JUNCTION BOX

Maximum of 25 GT Monitors per run.

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**Monitor terminal blocks (top row):**

| SW1 B | | SW1 B | | SW1 B | | SW1 A | |
|---|---|---|---|---|---|---|---|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| R1 | R1 | R1 | R1 | R1 | R1 | R1 | R1 |
| R2 | R2 | R2 | R2 | R2 | R2 | R2 | R2 |
| B1 | B1 | B1 | B1 | B1 | B1 | B1 | B1 |
| B2 | B2 | B2 | B2 | B2 | B2 | B2 | B2 |

**Monitor terminal blocks (bottom row):**

| SW1 B | | SW1 B | | SW1 B | | SW1 A | |
|---|---|---|---|---|---|---|---|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| R1 | R1 | R1 | R1 | R1 | R1 | R1 | R1 |
| R2 | R2 | R2 | R2 | R2 | R2 | R2 | R2 |
| B1 | B1 | B1 | B1 | B1 | B1 | B1 | B1 |
| B2 | B2 | B2 | B2 | B2 | B2 | B2 | B2 |

**Door station terminals:**

| A1 |
| A2 |
| R1 |
| R2 |
| ELB |
| ELC |
| ELM |
| BP |
| BP |

DOOR RELEASE

RTE

**GT-VBC controller:**

| − | + | OUT1 | B1 |
| PWR | | | B2 |
| A1 | IN1 | OUT2 | B1 |
| A2 | | | B2 |
| A1 | IN2 | OUT3 | B1 |
| A2 | | | B2 |
| A1 | IN3 | OUT4 | B1 |
| A2 | | | B2 |
| A1 | IN4 | OUT5 | B1 |
| A2 | | | B2 |
| A1 | IN5 | OUT6 | B1 |
| A2 | | | B2 |

TO GT-VA # 2
TO GT-VA # 3
TO GT-VA # 4
TO GT-VA # 5

GT-VBC

**SW2 SETTINGS FOR GT-DA-L'S**

SW1  SW2  SW3  SW4

| | ON/OFF |
|---|---|
| DOOR 1 = | ON OFF |
| DOOR 2 = | ON OFF |
| DOOR 3 = | ON OFF |
| DOOR 4 = | ON OFF |
| DOOR 5 = | ON OFF |

**SW3 SETTINGS FOR GT-DA-L'S**

SW1  SW2  SW3  SW4

ON OFF

Used to set audible guidance language to English for call status indications e.g. DOOR OPEN.
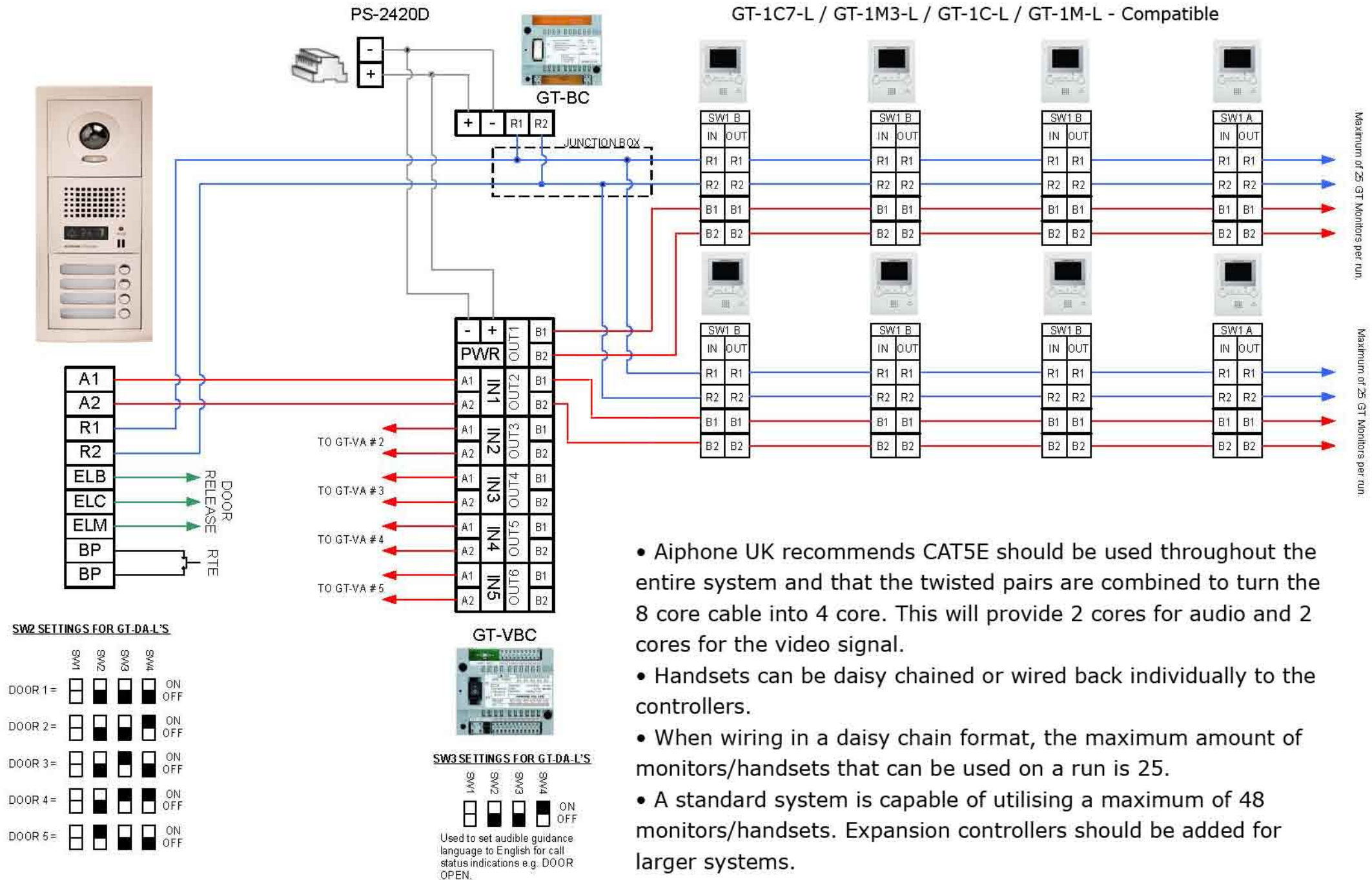
- Aiphone UK recommends CAT5E should be used throughout the entire system and that the twisted pairs are combined to turn the 8 core cable into 4 core. This will provide 2 cores for audio and 2 cores for the video signal.
- Handsets can be daisy chained or wired back individually to the controllers.
- When wiring in a daisy chain format, the maximum amount of monitors/handsets that can be used on a run is 25.
- A standard system is capable of utilising a maximum of 48 monitors/handsets. Expansion controllers should be added for larger systems.