COMPETITION Intercom Series
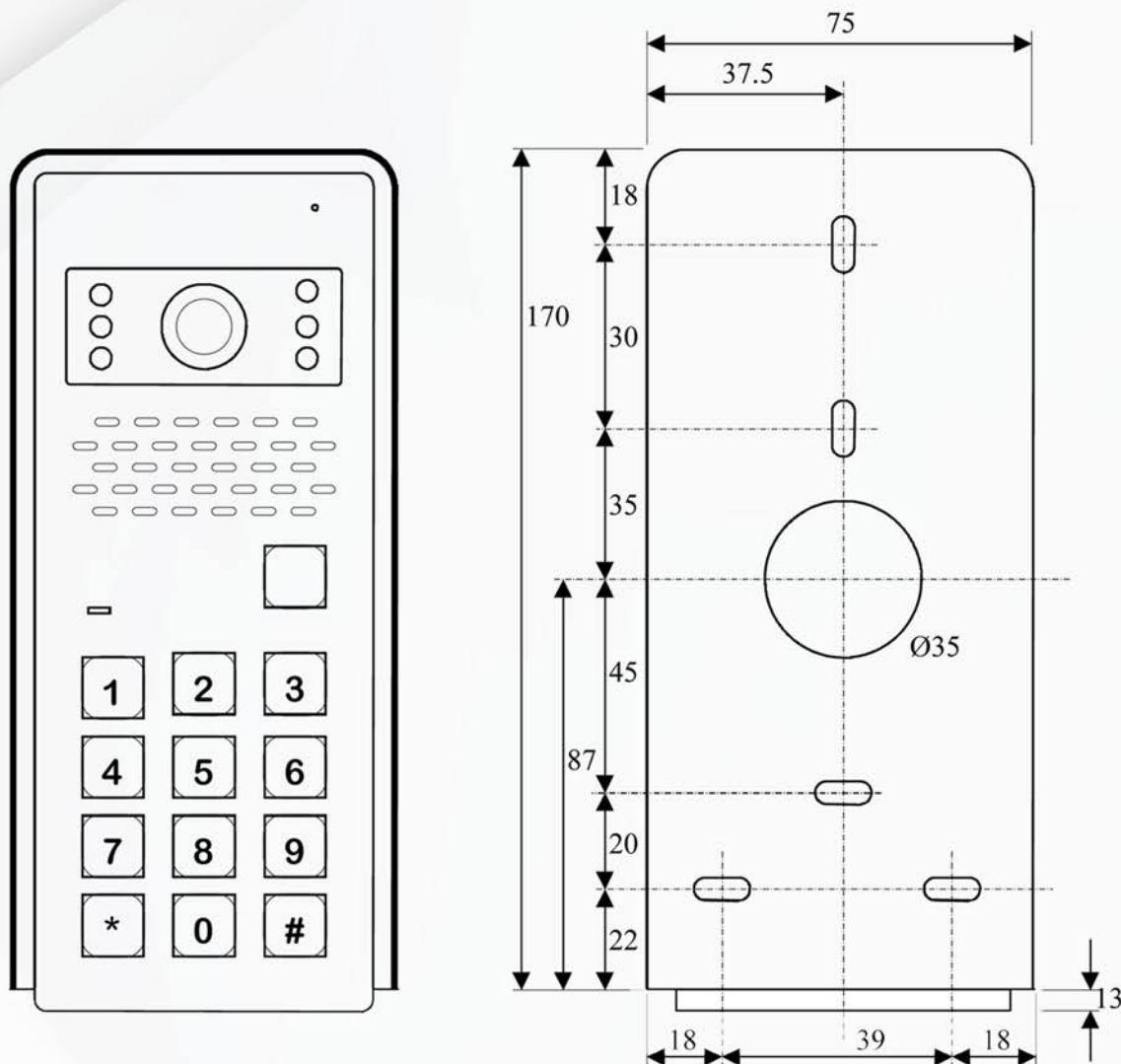
Intercom Scehmatic
Dual Gate Station Series
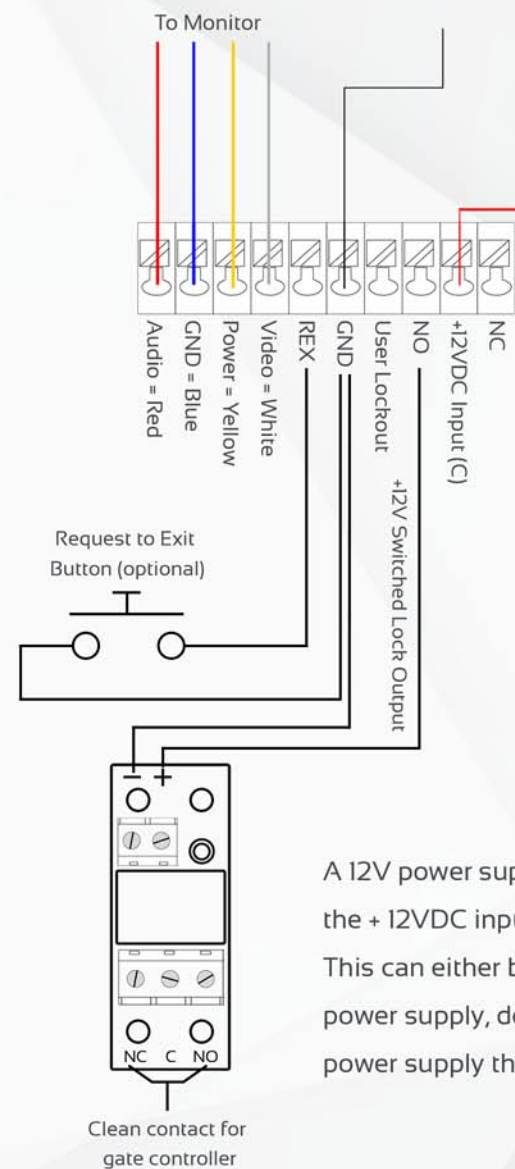
www.aap.co.nz

Choose from

CPT-GATE-A | CPT-GATE-B | CPT-GATE-E

Gate Controller

Pedestrian Gate

Choose from

CPT-GATE-A | CPT-GATE-B | CPT-GATE-E

Gate Station 1

Gate Station 2

Twin 0.5

Twin 0.5

4-Cores

4-Cores

Note: if using a CPT-GATE-A or CPT-GATE-E (keypad gate station), 5-Core cable may be required. CAT6 GEL filled is recommended

You can have up to 4 monitors connected on the one system

CPT-MON-3

CPT-MON-8W

CPT-MON-8B

Twin 0.5

Twin 0.5

Twin 0.5

WELL-LPV-20-15

WELL-LPV-20-15

WELL-LPV-20-15

CPT-GATE-A

Colour Video & 2-Way Voice Gate Station with Access Control Keypad

www.aap.co.nz

75

37.5

170

18

30

35

45

87

20

22

Ø35

18   39   18

13

Depth: 60mm max. including weather guard

To Monitor

Audio = Red
GND = Blue
Power = Yellow
Video = White
REX
GND
User Lockout
NO
+12VDC Input (C)
NC

+12V Switched Lock Output

Request to Exit
Button (optional)

Clean contact for
gate controller
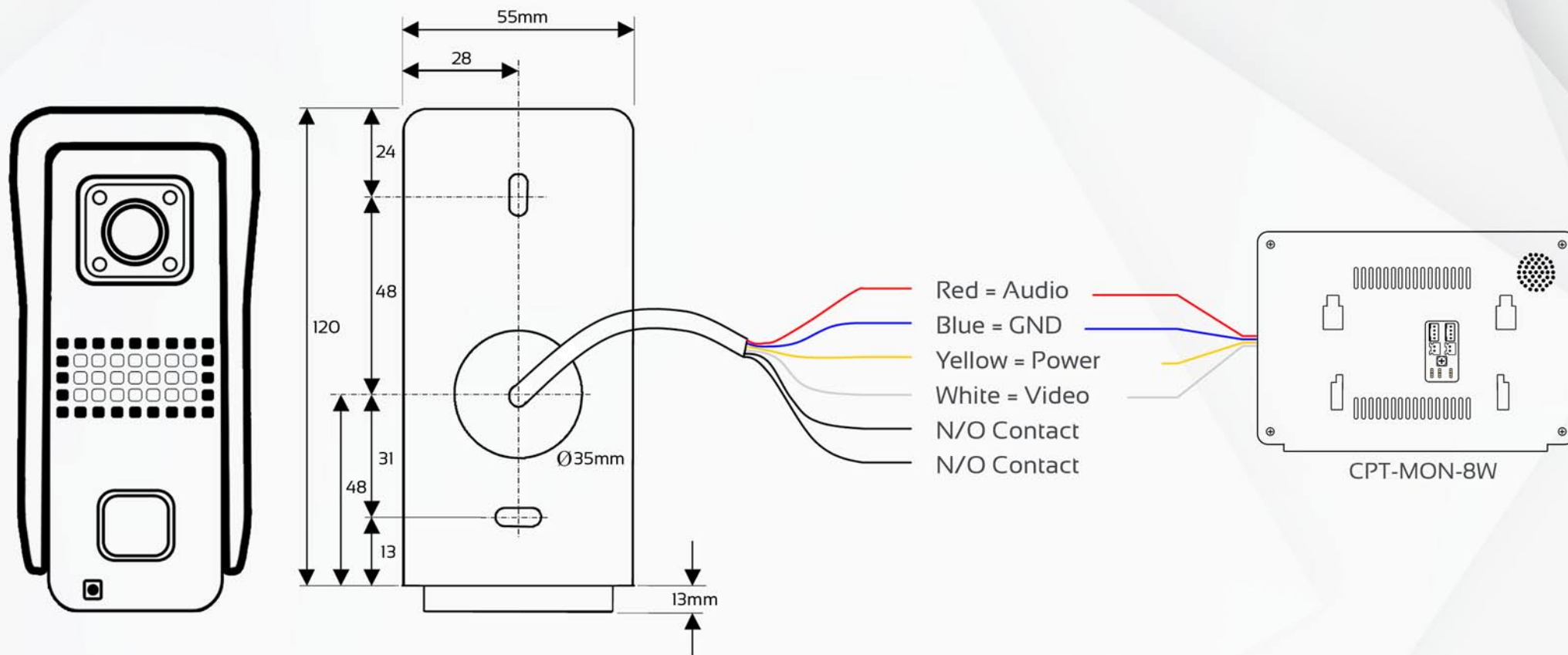
NC   C   NO

A 12V power supply must be connected to the +12VDC input (C) for the keypad to work. This can either be taken from the monitors power supply, down an extra wire or from the power supply that runs the door lock.
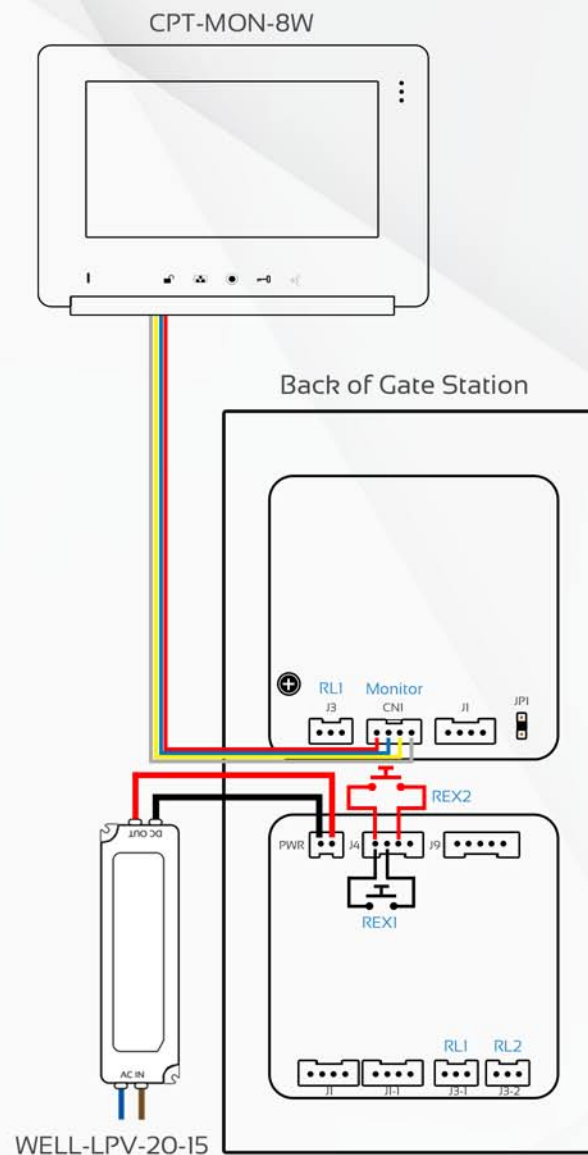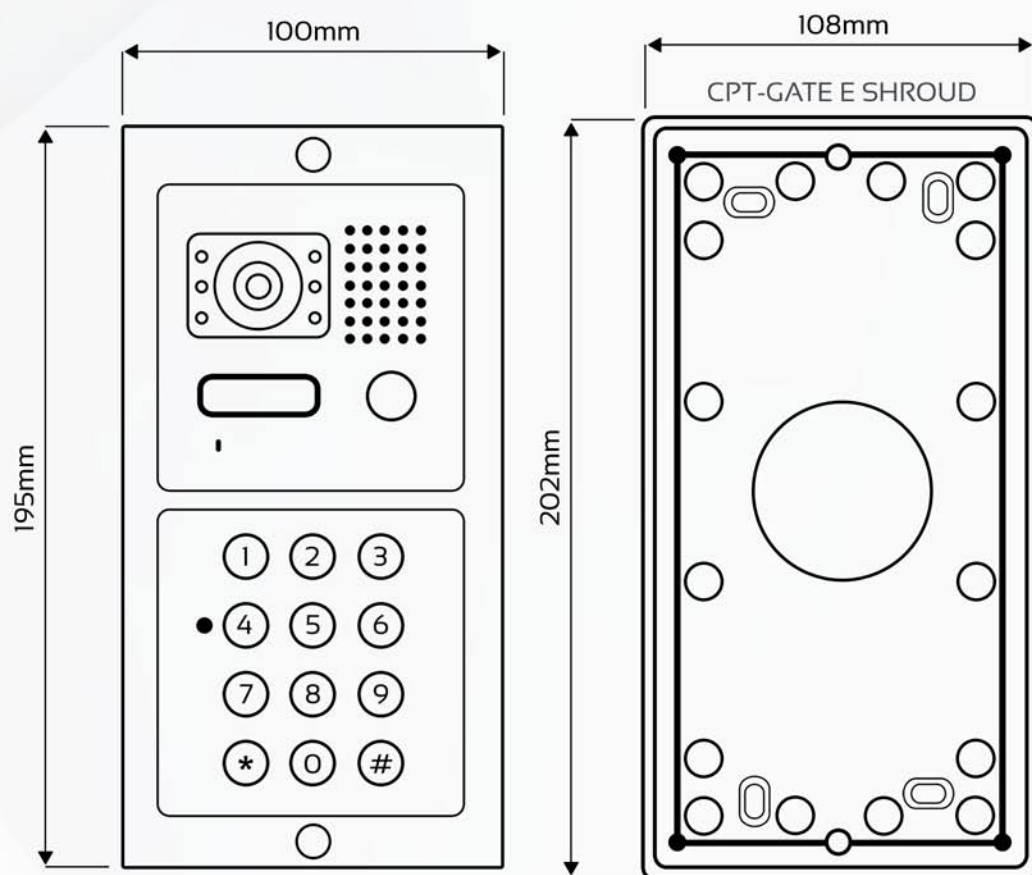
CPT-GATE-B
Colour Video & 2-Way Voice Gate Station

55mm

28

24

48

120

31

48

13

Ø35mm

13mm

Red = Audio
Blue = GND
Yellow = Power
White = Video
N/O Contact
N/O Contact

CPT-MON-8W

Depth = 40mm max. including weather guard

CPT-GATE-E

Flush Colour Video & 2-Way Voice Gate Station with Access Control Keypad

www.aap.co.nz

100mm

195mm

108mm

CPT-GATE E SHROUD

202mm

CPT-MON-8W

Back of Gate Station

RL1
J3

Monitor
CN1

J1

JP1

PWR

J4

REX2

J9

REX1

WELL-LPV-20-15

RL1
J3-1

RL2
J3-2

J1

J1-1

Connection Legend

⊕ = Talking volume adjustment trim pot

J3 = Door lock/relay 1

CN1 = Indoor CPT monitor

J1 = Connect keypad/access control module

JP1 = Disconnect JP1 if used with keypad/access control

PWR = 12-24V power supply

J4 = Unlock button for REX1 & REX2

J1 = Look to connect to main board module

J3-1 = Door lock/relay 1

J3-2 = Connect relay 2

Depth: 54mm max. (if using CPT-GATE E SHROUD)

Programming the CPT-GATE-A

Changing the Master Code:

• Remove power from the unit,
• Then press and hold down the * button.
• Apply power, with the * button still held down, the unit will then give
  a long continuous tone.
• When the tone stops release the * button.
• Wait for the LED to start flashing.
• Now enter your new 4 digit code.

Entering Programming Mode:

• Press the * button
• Wait for a double beep.
• Then enter your 4 digit Master code.
• You should hear 3 beeps and the LED will flash Red.
• Now you are in Programming Mode.

Exiting Programming Mode:

• To exit programming mode just press the * button.

Adding User Codes:

• Enter Programming Mode.
• Choose the slot you wish the code to be stored in (01 to 40)
• You will hear a double beep
• Now enter the new 4 digit user code, if the code loads correctly
• 3 beeps will be heard. You can only load a code once.
• You can now load another code or exit programming mode.

Deleting User Codes:

• Enter Programming Mode.
• Press the # button, you will hear a double beep.
• Enter the 4 digit user code you wish to Delete,
• 3 beeps will be heard if the code is removed.
• You can now delete another code or exit programming mode.

Deleting User Codes by Slot:

• Enter Programming Mode.
• Choose the slot 01 to 40 that you wish to delete,
• You will hear a double beep.
• Now press the # Button to delete the code,
• 3 beeps will be heard if the code is removed.
• You can now delete another code or exit programming mode.

Setting the Lock Time:

• Enter Programming Mode.
• Press 0 0 (this selects a special timer location).
• Now Enter the desired 2 digit time 01 to 99 seconds
• You can now exit Programming Mode

Deleting All Settings:

• Enter Programming Mode.
• Press the # Button Once, it will beep twice.
• Press the # Button Once Again, it will beep twice again.
• Now Press the # Button 7 more times, the LED will turn off
  and it will beep 4 times indicating the Reset has taken place.
  All information will be erased except the Master Code.

Slot	Code	Output	Slot	Code	Output
01		timer	21		timer
02		timer	22		timer
03		timer	23		timer
04		timer	24		timer
05		timer	25		timer
06		timer	26		timer
07		timer	27		timer
08		timer	28		timer
09		timer	29		timer
10		timer	30		timer
11		timer	31		latching
12		timer	32		latching
13		timer	33		latching
14		timer	34		latching
15		timer	35		latching
16		timer	36		latching
17		timer	37		latching
18		timer	38		latching
19		timer	39		latching
20		timer	40		latching

Programming the CPT-GATE-E

Entering Admin Mode:
• Default Admin Code: 1 2 3 4
• Enter your admin code twice: 1 2 3 4 1 2 3 4
• You will then get a long BEEP followed by a YELLOW steady LED
• The keypad will automatically exit programming after 20 seconds.

Exiting Admin Mode:
• Continue to press # until a solid BLUE LED is ON.

Adding User Codes to Relay 1:
• First enter Admin Mode
• Then press the slot you wish to load: 001 - 999;
    • Solid RED LED = Slot is full. Go to "Deleting User Slot"
    • Solid GREEN LED = Slot is empty and ready to accept code
• Enter new 4 digit code;
    • Long BEEP + solid YELLOW LED = Code successfully loaded.

Adding User Codes to Relay 2:
• First enter Admin Mode
• Press *4 (YELLOW LED Blinking)
• Then press the slot you wish to load: 01 - 09;
    • Solid RED LED = Slot is full. Go to "Deleting User Slot"
    • Solid GREEN LED = Slot is empty and ready to accept code
• Enter new 4 digit code;
    • Long BEEP + solid YELLOW LED = Code successfully loaded.

Deleting User from Relay 1:
• First enter Admin Mode
• Then press the slot you wish to load: 001 - 999'
    • Solid RED LED = Slot full.
    • Solid Green LED = Slot is empty, no need to delete code from slot providing the LED is RED. Press * twice. There will be a long BEEP followed by a solid GREEN LED.

Deleting User from Relay 2:
• First enter Admin Mode
• Press * 4
• Then press the slot you wish to load: 01 - 99;
    • Solid RED LED = Slot is full. Ready to delete
    • Solid GREEN LED = Slot is empty, no need to delete code from this slot providing the LED is RED. Press * twice. There will be a long BEEP followed by a solid GREEN LED.

Changing Relay 1 Reset Time:
• Enter Admin Mode
• Press * 1 (YELLOW flashing LED)
• Press the time in seconds (1-99) (YELLOW solid LED + long BEEP). Note: 00 = Latching

Changing Relay 2 Reset Time:
• Enter Admin Mode
• Press * 5 (YELLOW flashing LED)
• Press the time in seconds (1 - 99) (YELLOW solid LED + long BEEP). Note: 00 = Latching

Changing Admin Code:
• First enter Admin Code
• Press * 3 (YELLOW LED will blink)
• Followed by your new Admin Code twice (a total of 8 digits). Keypad will long BEEP followed by solid YELLOW LED.

Full System Default:
• Enter Admin Mode
• Press * 8 (YELLOW LED will blink)
• Press 88 (solid YELLOW LED + 6 short beeps followed by 1 long BEEP)
• Press * 8 again (flashing YELLOW LED)
• Press 99 (solid YELLOW LED) (delayed long BEEP).

Default Admin Code Only:
• Power down unit
• Power up while holding # (short BEEP + solid BLUE LED)
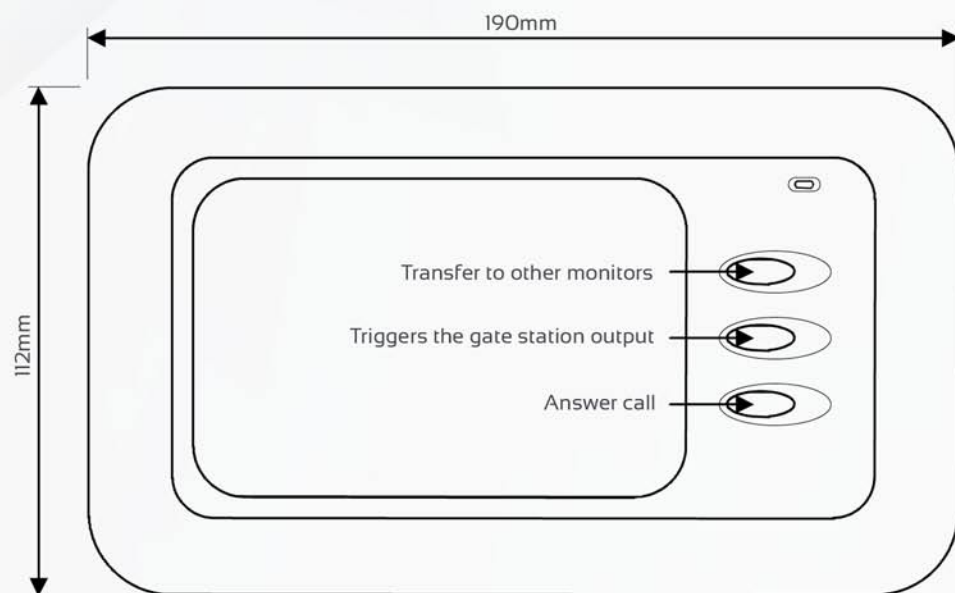• Code will be back to the default of 1 2 3 4.

001 - 999 (Relay 1)		01 - 09 (Relay 2)	
Slot	Code	Slot	Code
001		01	
002		02	
003		03	
004		04	
005		05	
006		06	
007		07	
008		08	
009		09	
010			
011			
012			
013			
014			
015			
016			
017			
018			
019			
020			

CPT-MON-3

3.5" Colour Video & 2-Way Voice Monitor

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190mm

112mm

- Transfer to other monitors
- Triggers the gate station output
- Answer call
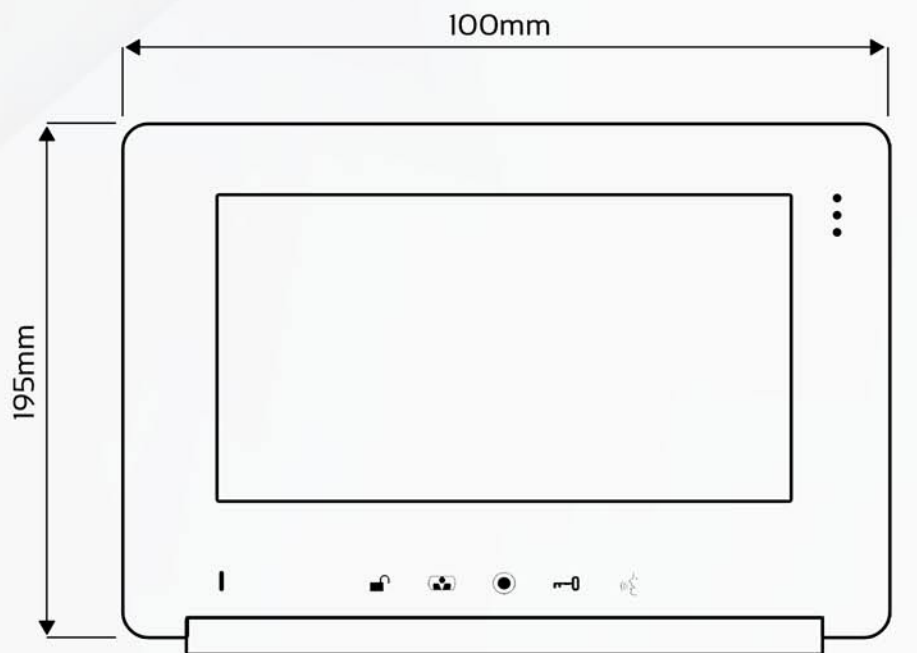
Depth: 42mm including brackets

Jumper Settings

J2 = Coax cable used
J1 = The gate station will ring back when the button is pressed
J3 = Feature not supported (can cause bad feedback)

J2 J1 J3

Gate Station 1

To next monitor
CN1 connector

View of Rear

CN1

CN2

Red = 15V DC
Black = 0V

Note: each monitor requires its own power supply

WELL-LPV-20-15

Gate Station 2
(Optional)

To next monitor
CN2 connector

CN2 is only wired if the second gate station is connected
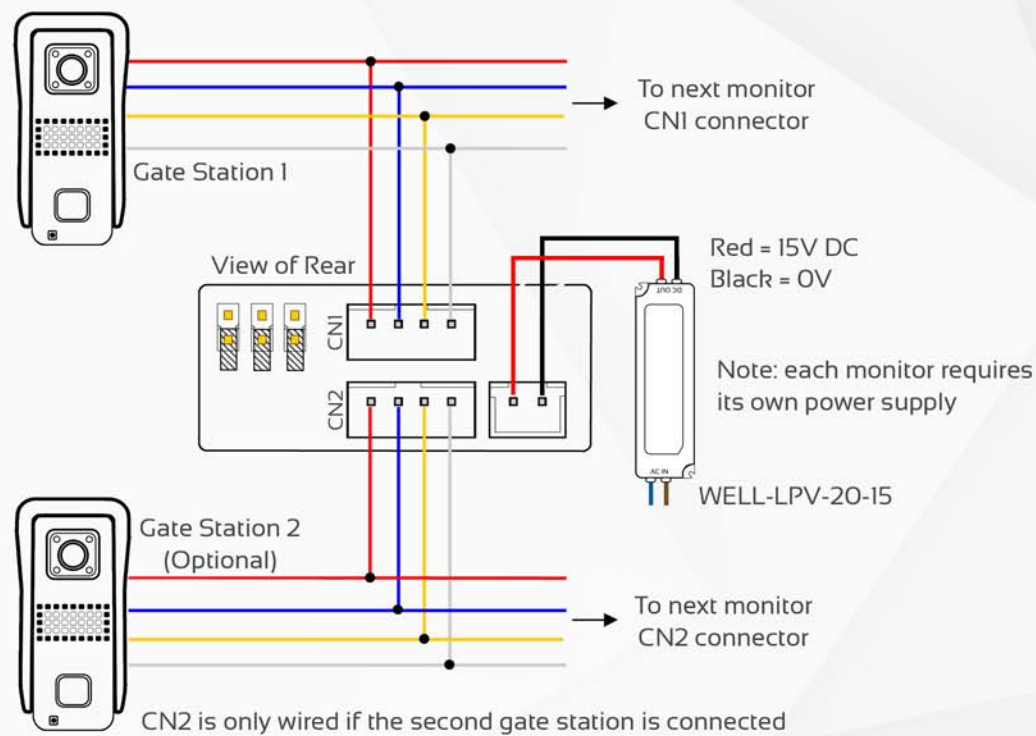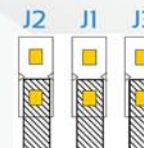
CPT-MON-8W & CPT-MON-8B
7" Colour Video & 2-Way Voice Monitor

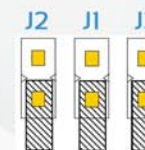www.aap.co.nz

100mm

195mm

Depth: 24mm max. including brackets

Normally open momentary relay on back of monitor (secondary relay)

Open camera feed

Take a screenshot of image
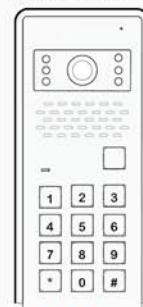
Relay on back of gate station

Answer visitor call

Jumper Settings

J2 = Coax cable used

J1 = The gate station will ring back when the button is pressed
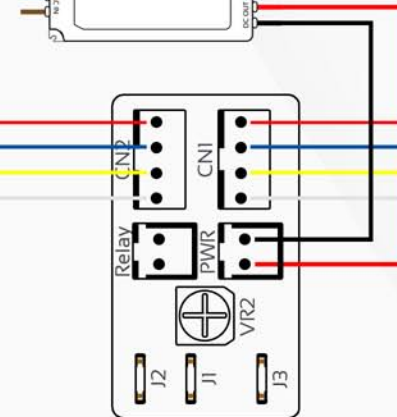
J3 = Feature not supported (can cause bad feedback)
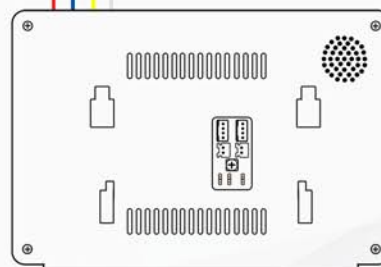
J2   J1   J3

Gate Station 1
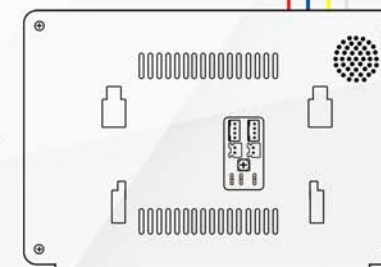
Gate Station 2 (Optional)

WELL-LPV-20-15   Red = 15V DC
Black = 0V

CN2   CN1

Relay   PWR

VR2

J2   J1   J3

Back of CPT-MON-8W

Note: each monitor requires its own power supply

CN2 is only wired if the second gate station is connected

Competition Wiring Diagrams

www.aap.co.nz

CPT-GATE-A

CAT6 GEL Filled (recommended)

CPT-GATE-A

NC
+12VDC Input (COM)
NO
User Lockout
GND
REX
Video
Power
GND
Audio

WELL-LPH-18-12

WELL-LPV-20-15

CPT-MON-8W

CPT-GATE-B

CAT6 GEL Filled (recommended)

CPT-GATE-B

CPT-MON-8W

CPT-GATE-E

CAT6 GEL Filled (recommended)

RL1

RL1   RL2

CPT-GATE-E

WELL-LPV-20-15

WELL-LPV-20-15

CPT-MON-8W