INTKIT-A1
Analogue 4-Wire Video Intercom
Quick Start Guide

1. Introduction

Thank you for purchasing this Intercom System. This install guide covers basic setup and installation for your intercom system.

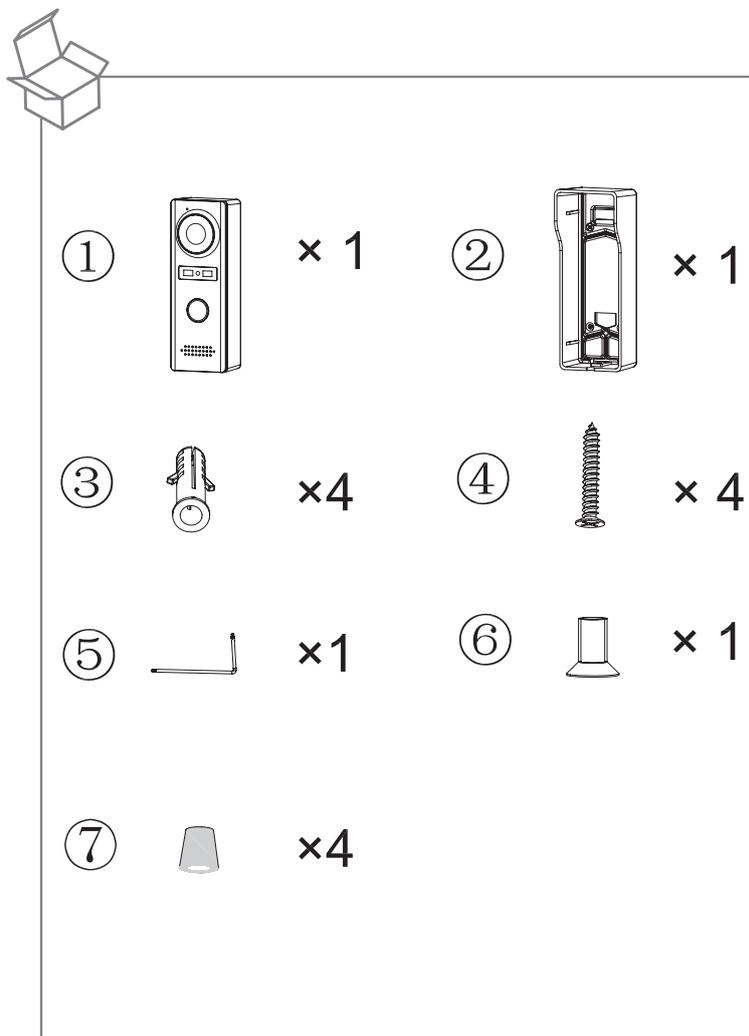For detailed technical support and software downloads, visit our Help Centre at: **help.c5k.info**

IMPORTANT:

- Door Stations are designed to mounted in a sheltered location, not exposed directly to weather.
- When installing the Door Station, apply outdoor silicone sealant between the Door Station and the wall, and seal the hole that has been created for the cable to prevent water ingress. If using a mounting box, ensure the box is also sealed, and the included waterproof rubber seals are used when installing the screws.
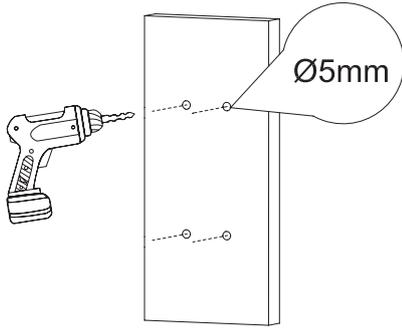
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2. Included Components

3. Mounting Guide
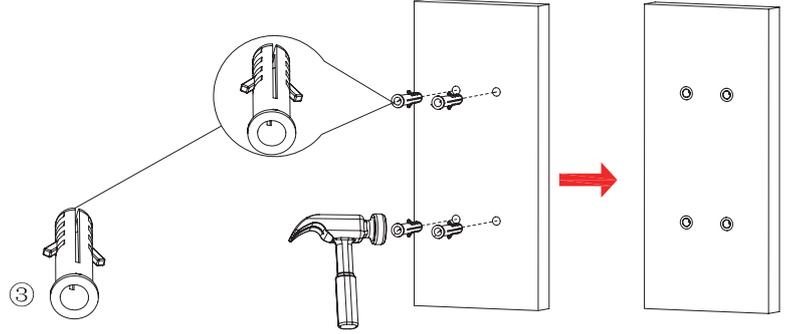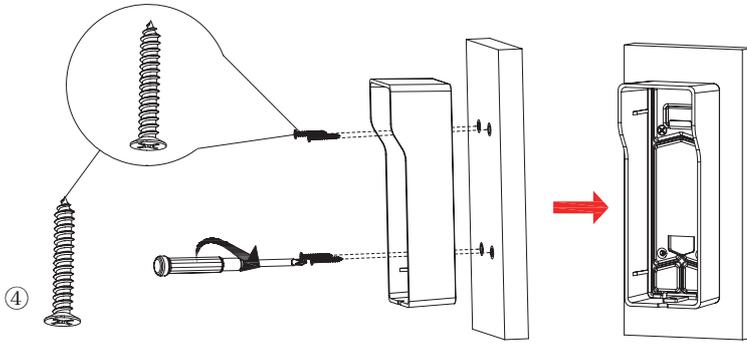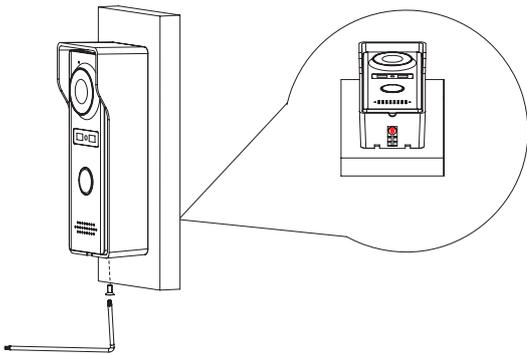
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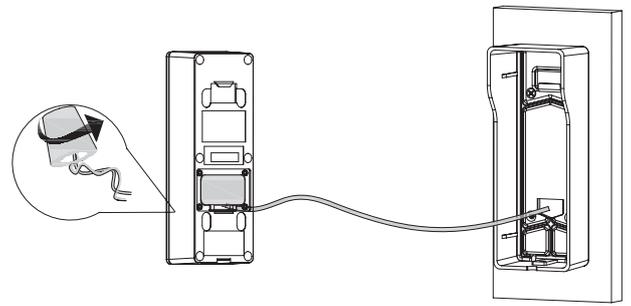
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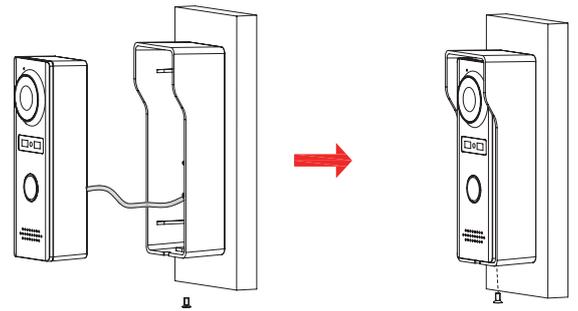
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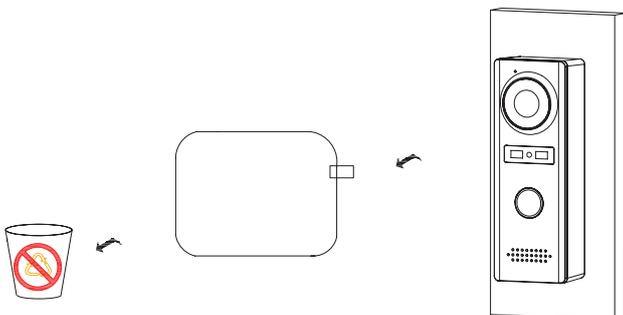**8.**
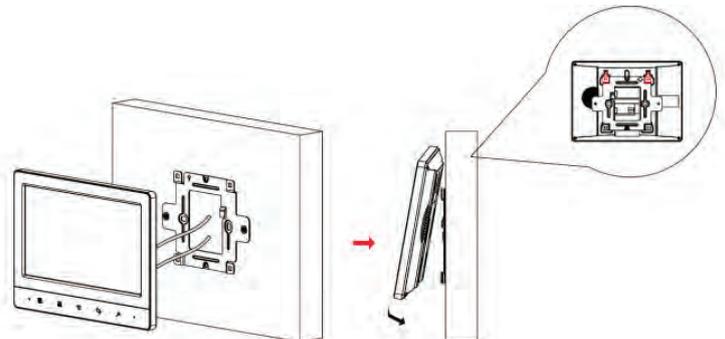
4. Front Panel
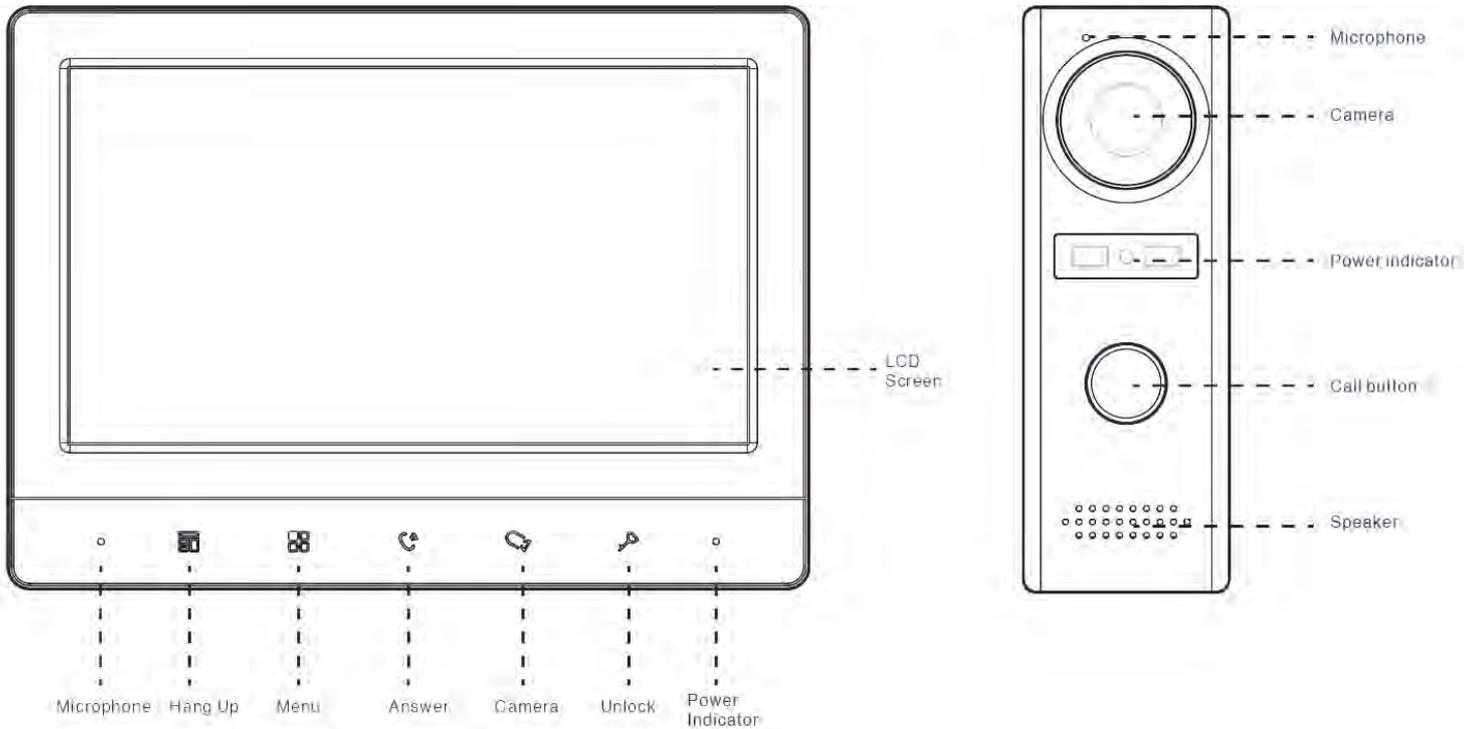
Indoor Monitor

Button	Description
	• Press to hang up the incoming call without answering.
	• Press to adjust monitor settings. • In set up mode, press to decrease value.
	• Press to answer incoming calls. Press again to hang up. • In set up mode, press to increase value.
	• Press to cycle between video live views of Door Station 1, Door Station 2, Camera 1 and Camera 2. • In set up mode, press to skip to next item.
	• Press to unlock the door where the door station(VTO) calls. • In set up mode, press to exit set up menu.

Door Station

Button	Description
Call	• Press once to call door monitor(s)

5. Back Panel
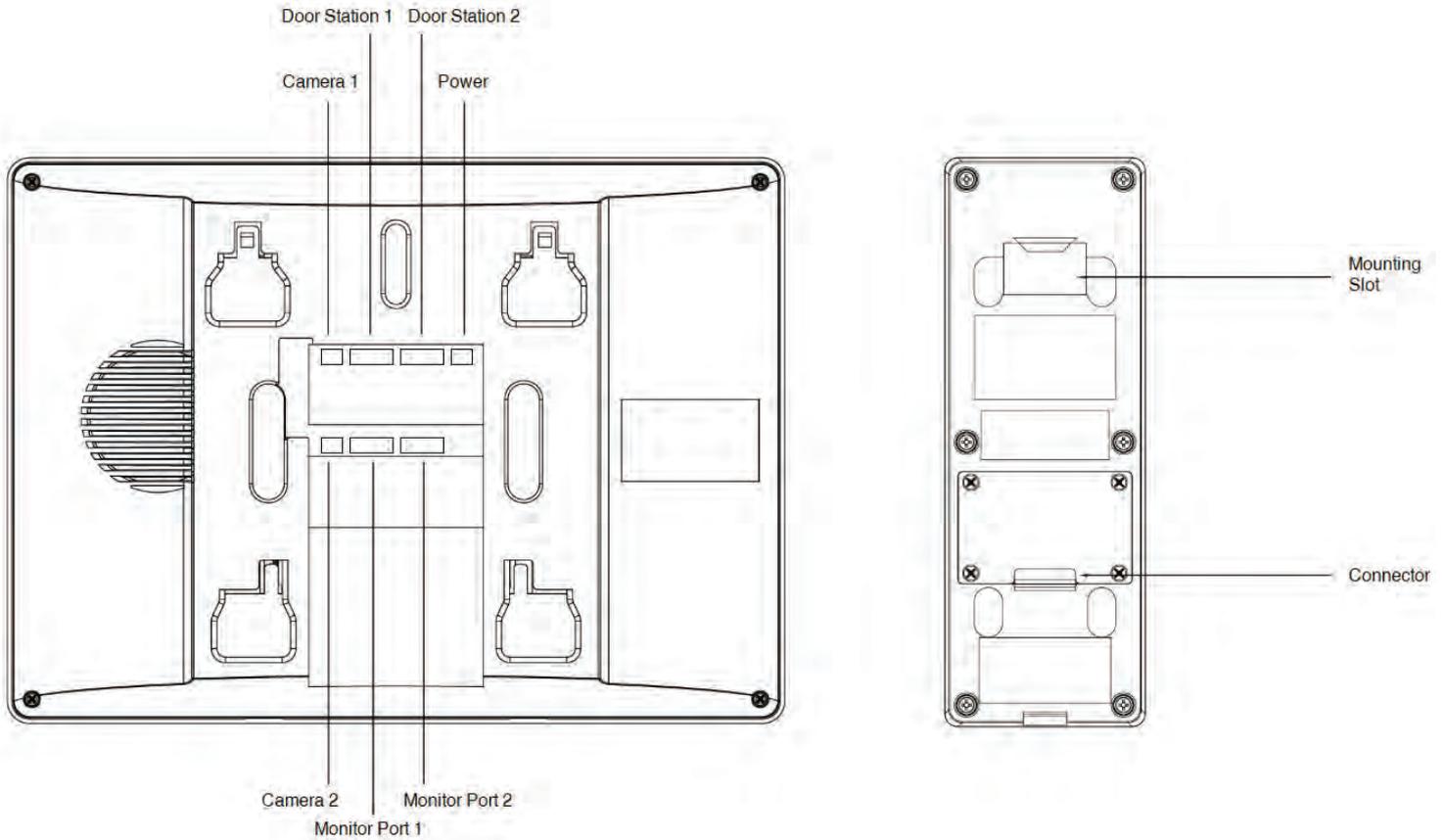
Name		Description
Power	PWR	12VDC positive input
	G	12VDC negative input
Camera Ports	CAM	Analogue camera signal input
	G	Analogue camera signal ground
Door Station Ports	P1, P3	12VDC positive output to door station
	V1, V3	Video signal
	A1, A3	Audio signal
	G	Common ground for door stations
Indoor Monitor Ports	P2, P4	12VDC positive input to monitors
	V2, V4	Video signal
	A2, A4	Audio signal
	G	Common ground for monitors

Wiring Specification

- Port A of the indoor monitor can be connected to Port C of another indoor monitor.

- Port B of the indoor monitor can be connected to Port D of another indoor monitor.

- Port A of the indoor monitor <u>cannot</u> be connected to Port B or D of another indoor monitor.

- Port C of the indoor monitor <u>cannot</u> be connected to Port B or D of another indoor monitor.
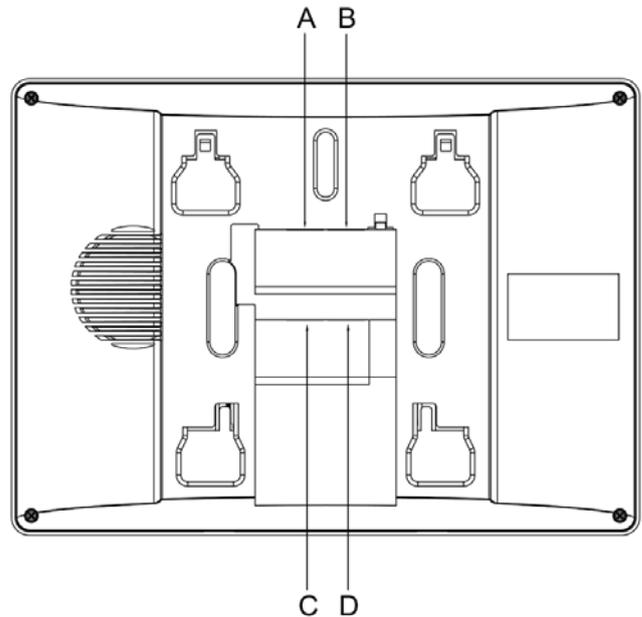
Cable Specification

- For a transmission distance of <= 50m use a 0.75mm² 4 Core cable.

- For a transmission distance of >50m use a coaxial cable.

Power Specification

- The Kit includes a 12VDC 2A Power supply suited for a one Door Station to one Monitor setup.

- Each device requires 12VDC 1A power.

- If you wish to add additional Door Stations or Monitors, replace the Power Supply with one with the following output:

2 Devices	12VDC 2A
3 Devices	12VDC 3A
4 Devices	12VDC 4A
5 Devices	12VDC 5A

12VDC Power Supply

+
-

POWER
VIDEO
AUDIO
GND
BUTTON
SR
DOOR_NO
DOOR_COM
DOOR_NC
GND

(Optional) NO Exit Button

NO Lock

12VDC Power Supply

4 Core Cable

*Normally Open (NO) Wiring

12VDC Power Supply

*(Optional) Analogue Camera

NC Lock

12VDC Power Supply

*Normally Closed (NC) Wiring

12VDC Power Supply

+
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(Optional)
NO Exit Button

NO Lock

12VDC Power Supply

*Normally Open (NO) Wiring

POWER VIDEO AUDIO GND BUTTON SR DOOR_NO DOOR_COM DOOR_NC GND

4 Core Cable

12VDC Power Supply

*(Optional) Analogue Camera

NC Lock

12VDC Power Supply

*Normally Closed (NC) Wiring

*(Optional) Analogue Camera

12VDC Power Supply

(Optional) NO Exit Button

NO Lock

12VDC Power Supply

*Normally Open (NO) Wiring

NC Lock

12VDC Power Supply

*Normally Closed (NC) Wiring

4 Core Cable

4 Core Cable

(Optional) NO Exit Button

NO Lock

12VDC Power Supply

*Normally Open (NO) Wiring

NC Lock

12VDC Power Supply

*Normally Closed (NC) Wiring

12VDC Power Supply

POWER VIDEO AUDIO GND BUTTON SR DOOR_NO DOOR_COM DOOR_NC GND

POWER VIDEO AUDIO GND BUTTON SR DOOR_NO DOOR_COM DOOR_NC GND

10. Setup Menu

Button	Description
	• Open the menu
	• Wake up the monitor • Decrease Vol (volume), Bright (brightness), Contrast and BellVol (bell volume), change Bell tone and turn off DND (do not disturb)
	• Increase Vol (volume), Bright (brightness), Contrast and BellVol (bell volume), change Bell tone and turn off DND (do not disturb)
	• Select an item to adjust or change
	• Exit the menu and lock the screen

Notes

help.c5k.info

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