Touch Keypad Installation Guide

Crow Electronic Engineering Ltd

Specifications:
Voltage: +10 to +15VDC (from a Battery Backed up PSU)
Current: 250mA(Normal) 500mA(Max.)
Maximum Cable Length: 30m (4C2 0.2mm²) 80m (4C5 0.5mm²)
125KHz RFID Prox Reader (Prox model only)
Dimensions: 140(w) x 96(h) x 14(d)mm
Screen Resolution: 800 x 480 pixels
Touch Sensor: Resistive (glove and stylus friendly)
Supported SD Cards: 1GB AAP Micro SD Card only, Fat32 format (supplied)
Photo Format: .pic (custom AAP format)

Compatible with:
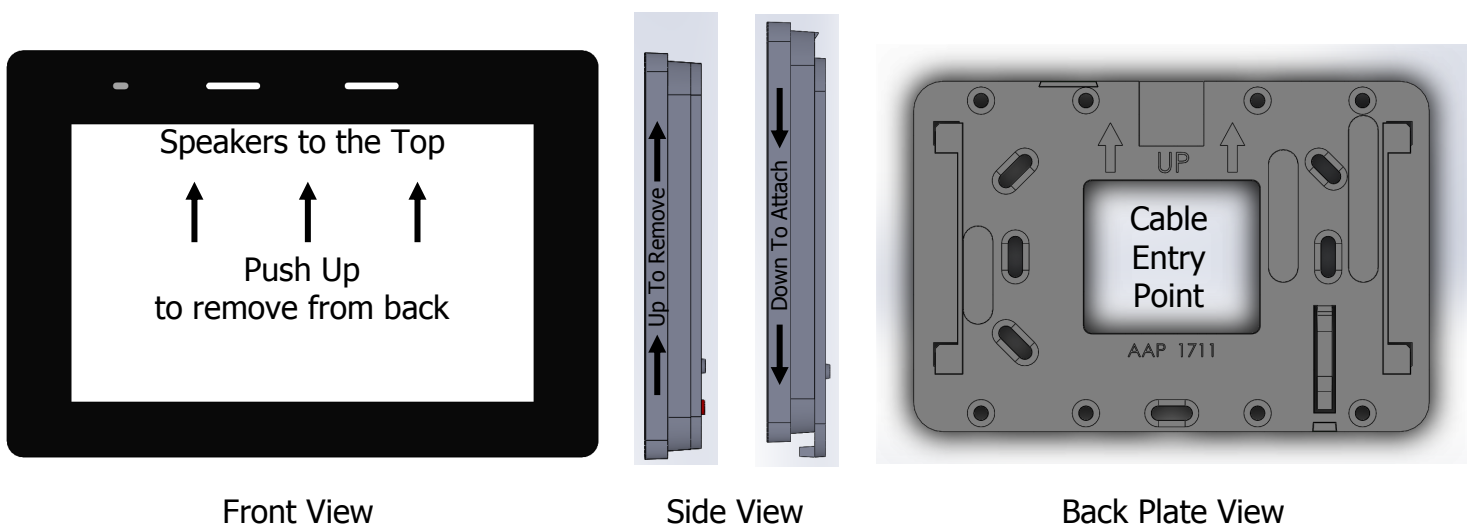RUNNER CONTROL PANEL 4/8, 8/16 (V9.08 and above) and 8/64
-Up to 8 Touch Keypads can work on these systems.
-A maximum of 2 Touch Keypads should be connected directly to these systems.
-More than 2 Touch Keypads will require a larger/extra power supply.

Installation:
Recommended Mounting Height: 1500mm
Only use the supplied screws to fasten the keypad to the wall
Keypad bus termination should only be done with system powered down.
Connector colour code:
Red = +12VDC (Positive)
Black = -0VDC (Negative)
Yellow = Clock
Blue = Data
White = Optional Input feature (see Keypad settings to configure)

Field Update:
The Touch keypads can be field updated even by the end user.
Please contact your local distributor for more information.

Speakers to the Top

Push Up
to remove from back

Up To Remove

Down To Attach

UP

Cable Entry Point

AAP 1711

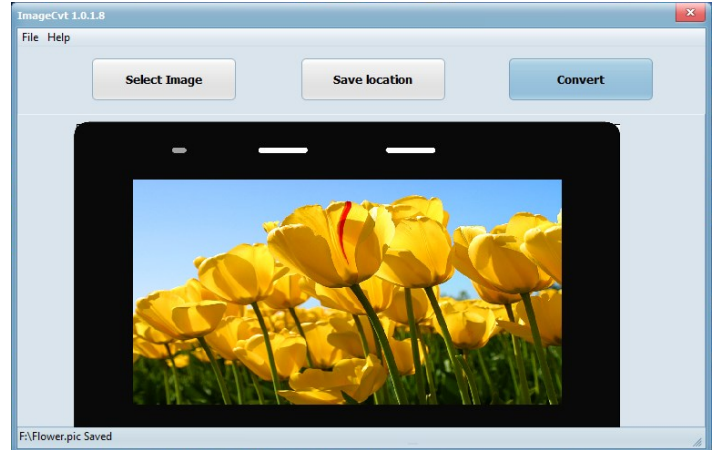Front View   Side View   Back Plate View

Programming Setup:

To use the Output4 button on the home page, you will need to do have the 2 options below on.
In Installer Mode: **P 83 E** (then KP address) **1-8 E** now turn On **4 E**.
Then: **P 34 E 4 E** now turn On **7 E**

Adding Custom Images:

1. Remove the SD card from the keypad and insert into a computers SD card reader (adapter may be required)
2. Install 'ImageCvt.exe' found on the SD card under software (or download it from the www.thecrowgroup.com)
3. Once installer, open the ImageCvt program
4. Click 'Select Image' then find a photo you wish to add. (photos should be 800x480 pixel or greater)
5. Click 'Save location' now select the SD card drive and name the photo (every photo requires a new name)
6. Click 'Convert' you should get a response at bottom confirming *file name* Saved
7. Repeat steps 4 to 6 until you have all the photos converted
8. Eject the SD card and insert back in keypad
9. The photos will automatically come up in 'Photo Gallery' mode (on by default)
10. Photo Gallery setup can be adjusted by going to 'Settings' then 'My Settings' there you will find Photo Gallery and Display & Brightness

Changing the Home Screen Image:

A custom home screen image can be Selected by going to 'Settings' then 'My Settings'
Press the down arrow till you see 'Select Background From SD Card'
Note. If your photo did not appear in the list you may need to:
       -Check the photos have been converted to the .pic file using ImageCvt
       -Remove and re-insert the SD card into the keypad
       -Format the SD card to FAT32 (copy your photos off the SD card first and add back after Formatting)

Home Screen Buttons Customising:

The Default home screen shows the buttons: ARM, STAY & OUTPUT 4
Go to 'Settings' then 'My Settings' press down till you see:
 -'Home Screen Settings' here you can select Buttons: Arm, Stay, Chime, Keypad, Panics, Areas
 -'Control Buttons on Home Screen' here you can select outputs for control (ESL programming required)