SC-Keypad

Manual v1.2

Jan 2018

Contents

Thank you for purchasing the SC-Keypad.

The SC-K is one of a range of products we offer specific to the heritage marketplace. We are confident that we have other products you will find useful and look forward to hearing from you again soon.

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1. What is the SC-Keypad?

The SC-Keypad combines our SoundClip audio player with a numerical keypad and screen, allowing you to present up to 99 audio tracks to visitors accessible by inputting numbers 01 - 99.

The screen will display a customisable welcome message as well as the currently playing track number.

2. Supported Media Formats

The SC-K supports audio in two formats;

- .mp3
- .wav

We recommend all files be used in .mp3 format, if you have issues playing any audio content we recommend you convert your audio using 'Format Factory'. This can be downloaded for free here:

http://www.pcfreetime.com/

3. In the Box

1. **IP65 Rated Keypad - vandal resistant**
2. **Keypad Connector, 500mm**
3. **Cable Assembly, max 1 meter**
4. **16x2 Backlit Green LCD screen**
5. **SoundClip Audio Player**
6. **Power Supply 12V**
7. **MicroSD card / USB - MicroSD / Screwdriver**

4. Setup Instructions

FRONT

REAR

1. 12v DC Power in
2. Master Volume Control
3. Headphone 1 7 2 in 3.5mm jack
4. MicroSD Slot
5. Button Volume Input
6. Speaker Out
7. Cable Assembly out

Setting up your SC-Keypad is simple, you will need the following;

- The SoundClip
- 12v DC Adapter
- Keypad
- Screen
- Headphones or Speakers *(not included)*
- MicroSD Card with content on *(see programming section)*

Powering your SC-K (1)
Connect the supplied 12v DC adapter to the 12v DC in.

Master Volume Control (2)
Set the master volume control (right = up left = down). The SC-K will always start-up to half this amount allowing users to increase/decrease the volume via the assigned volume up and down buttons *(buttons not provided).*

Connecting headphones to your SC-k (3)
The SC-K can support up to 2 headphones with the built in 3.5mm jack, simply connect them via the headphone 1 and 2 output.

Add content to your SC-K (4)
To add content to your SC-K you must first add it to the supplied MicroSD card and insert this into the MicroSD slot: see 'Programming Content' section for more details.

Connecting volume buttons (5)
As mentioned in (2) the SC-K has dedicated volume terminals allowing you to give visitors control over volume levels. Connect 2 buttons to the designated terminals to do so. If volume buttons are used the screen will display the changing volume.
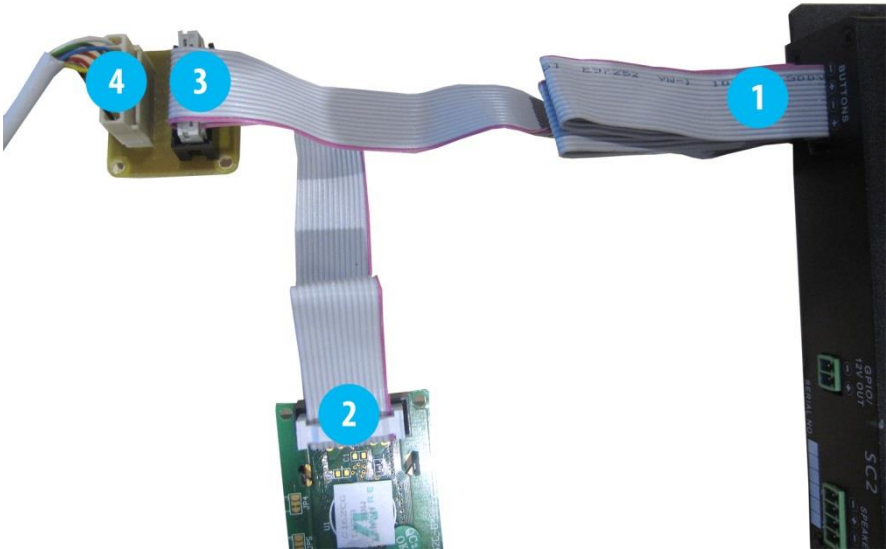
Connecting Speakers (6)
Wire speakers to the 'speaker L' and 'speaker R' terminal block. Follow the + and - directions if appropriate, insert wires and screw into place.

Connecting Keypad and Screen - Cable Assembly Out (7)
The Cable Assembly connects both the Keypad and Screen to the SoundClip.

You connect the devices like so;

1 = Cable Assembly
2 = Screen Connection
3 = Cable Assembly Connection
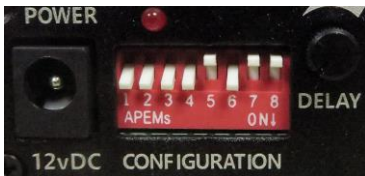**4** = Keypad Connection

The Cable Assembly (1) connects both the SoundClip and Screen (2)
to the interface board (3) which also connects to the Keypad (4).

5. Programming Content & Screen

Content for your SC-K is stored on the supplied MicroSD card. To add content you will need;

1) Audio Content in .mp3 format *(supports up to 99 tracks)*
2) A PC or laptop Windows OS
3) MicroSD Card *(supplied)*
4) MicroSD to USB convertor *(supplied)*

Note: The SoundClip will come in Keypad ready mode, do not alter the dipswitches located on the front of the device. These will be in the following position:

1 2 3 4 6 = on
5 7 8 = off

Adding Audio

The name of your audio files will determine their assigned number on the keypad. Audio files must be named 001 - 099, they are then activated by pressing two numbers, so;

001 = 01 │ 002 = 02 │ 003 = 03 │ 010 = 10 │ 011 = 11 etc.

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Programming the SC-K is as easy as transferring your audio files to the supplied MicroSD Card.
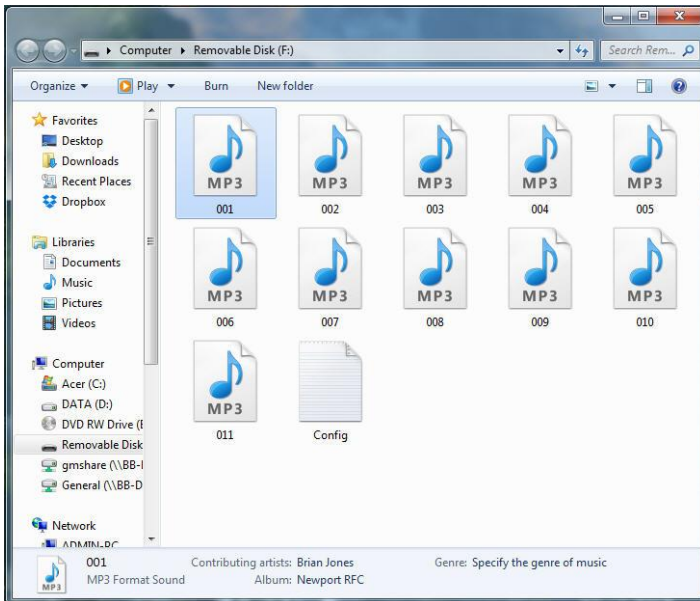
Step 1:
Prepare your audio files for transfer, we recommend you use .mp3 files however .wav files are also supported. Rename each file to 001, 002, 003 etc. depending on which number you wish them to be activated via the keypad.

Step 2:
Insert the MicroSD Card into the MicroSD - USB convertor and connect to your PC

Step 3:
Transfer all of your Audio content onto the SD Card;

Note the 'Config.txt' file - this is the file which sets the welcome text on the screen.

Editing Screen Text

The screen is able to display 16 characters per line across two different messages - so 32 characters in total per screen. For example see image to right.

Config.txt

The message is programmed via a config.txt file located on the MicroSD Card.

The provided MicroSD card will be supplied with test content and a config.txt file - you are able to edit this to change the message or if you do not have the test files simply create a new .txt file (rightclick on desktop > new > text document) be sure to name it 'Config'.

Line1: Message 1 (Screen 1)
Line 2: Message 2 (Screen 2)

Note: Each line consists of 16 characters; you must type both characters and spaces. In the example the spaces have been entered to make each message cover 2 lines.

The Config.text must end with the word 'END'.

6. Status LED
The SoundClip has 2 LED's;

Red - on/off
The red LED will be lit when unit is powered on, and off when unit is powered down.
Green - Status
The green LED will be lit when content is being played.

Update Notes

V1.1
Changed Programming Content instructions

V1.2
Updated instructions for use with SoundClip-2 audio player.