Q700-UP M

HOW TO SET BLUETOOTH CONTROLS

BLUETOOTH CONTROLS
INTRODUCTION

Bluetooth controls are an option on the Sedeo Ergo order form that allow the client to pair their joystick of input device to a Smart phone, PC or Tablet. Once paired the client can control that device from their chair.

This is not a standard option – It must be selected on the Sedeo Order Form

You can select two Bluetooth Modules to control Android devices and one to control an apple device.

			£
R-NET OPTIONAL CONTROLS / ELECTRONICS			
JMV110031	● R-NET ISM-L (lighting module)	*(required if L&I is selected)*	
JMV110033	● R-NET CxSM (8-channel seating module)	*(includes memory seat programming)*	
JMV090068	☐ R-NET BLUTOOTH MODULE (Controls 1 x Android and Windows device)		195
JMV090101	☐ 2nd R-NET BLUTOOTH MODULE (Controls second Android and Windows device)		195
JMV090102	☐ R-NET BLUTOOTH MODULE IOS (Controls Apple Device)		195
JMV090103	☐ R-NET IO MODULE	*(7 Switched controllable output commands, only available via B4Me)*	252

If you wish to control more devices you can order a CJSM2 with integrated Bluetooth via Built-4-Me. This can control 2 Android devices and two Apple devices as standard.

This guide will show you how to pair and customise Bluetooth for a demo and handover.

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BLUETOOTH CONTROLS
PAIRING YOUR DEVICE

Step 1: Enter Bluetooth Menu on the joystick and push forward for 15 seconds until you hear a beep

Step 2: Pull back for 15 seconds until you hear a beep

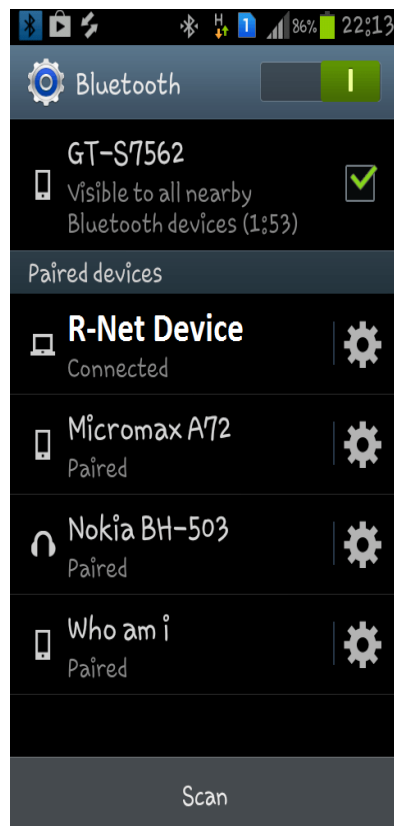**Step 3:** You will now be able to find R-Net Controls in your device Bluetooth menu

BLUETOOTH CONTROLS
PAIRING YOUR DEVICE

Step 4: Pair the devices together by selecting Rnet form the list of devices in the Bluetooth menu.

Step 5: To check you have connected successfully turn power on and off and select Bluetooth from the joystick Menu

A curser should appear
On the device screen if you are connected.

To use Bluetooth effectively you need to customise the commands via the PC programmer

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BLUETOOTH CONTROLS
PAIRING YOUR DEVICE

Step 1: Ensure your device is in Bluetooth discoverable mode.

Step 2: Enter Bluetooth via the joystick menu and push forward for 15 seconds until you hear a beep, then pull back for 15 seconds until you hear a beep.

Step 3: You will now be able to find R-Net Controls in your device Bluetooth menu

BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH

One you have paired your device you can control the mouse automatically for that device but now you need to customise how the client will select ICONS and make commands like typing and sending messages.

The next steps will allow you to customise commands like **home, select, open, close** and enable the user to affectively use their devices from their joystick.

There are two easy ways in which a client can do this; via

- **Nudge functions**

- **Buddy button**

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BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – NUDGE

"Nudges" are the most common way of making commands with a joystick. A nudge is a fast push of the joystick in a direction.

The user can push the joystick to an icon on the device and "nudge" to open it up.

Nudge commands need to be programmed.

Nudge speed can also be programmed to suit a clients ability

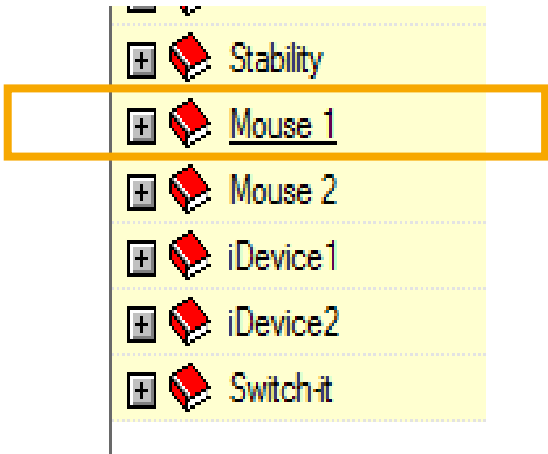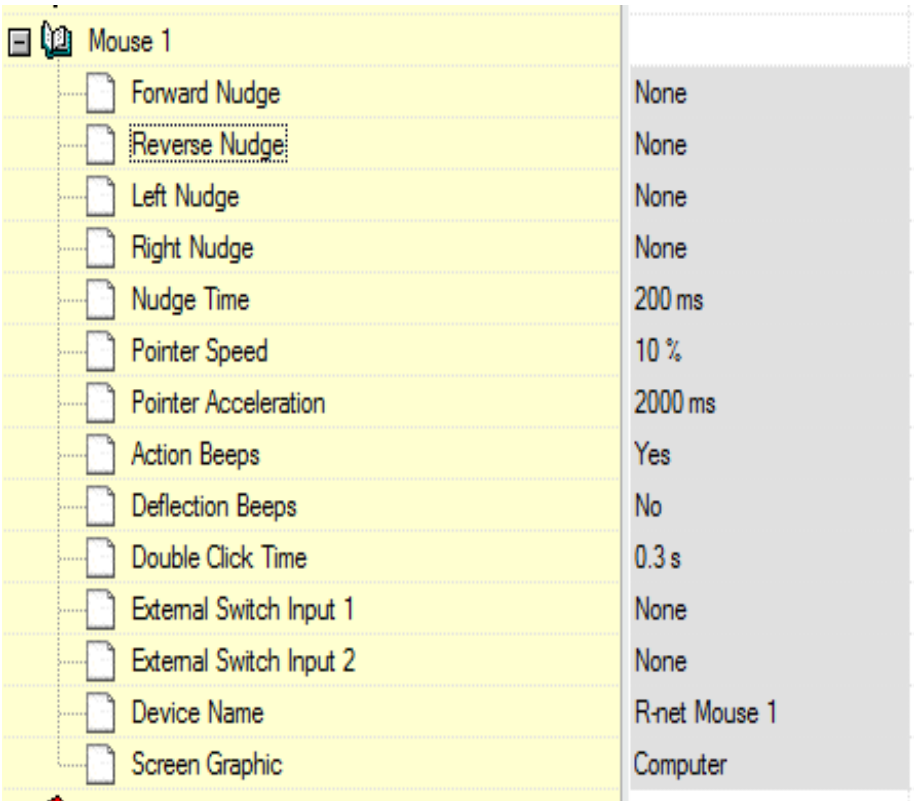**Step 1:** Connect the R-Net Dongle, Open the PG programmer and read out the program.

BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – NUDGE

Step 2: Select **Mouse 1** from the menu on the left hand side

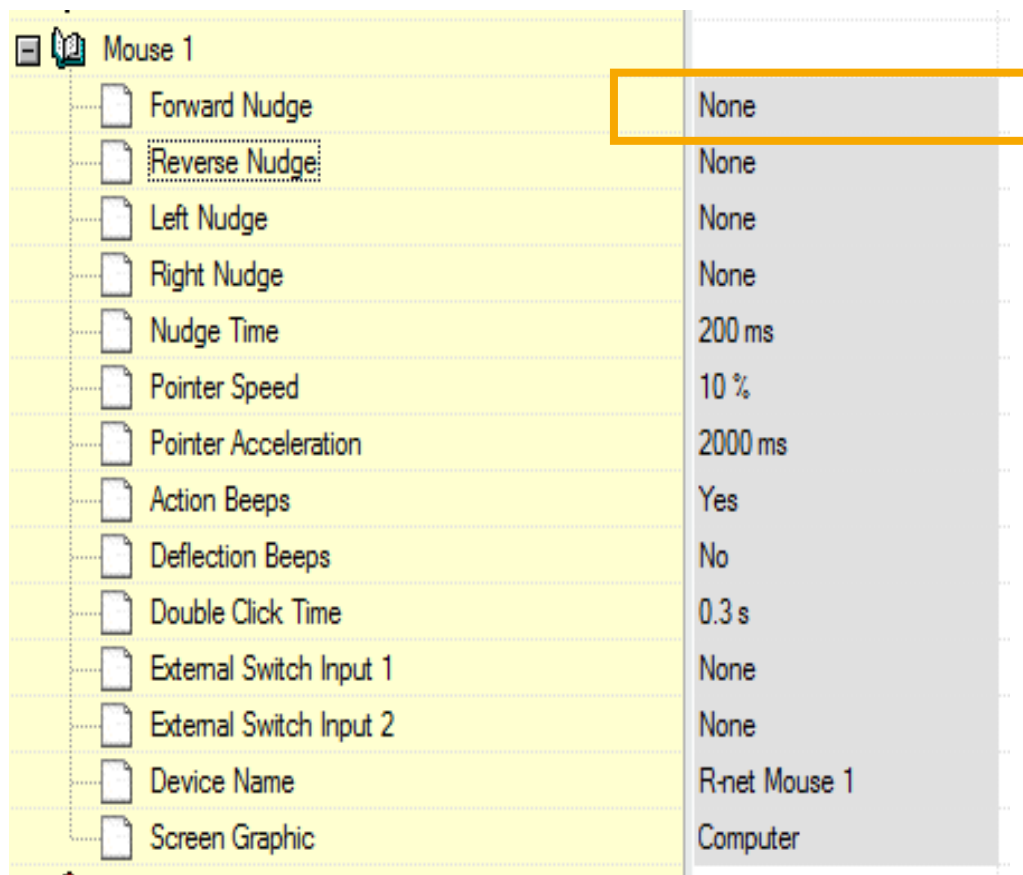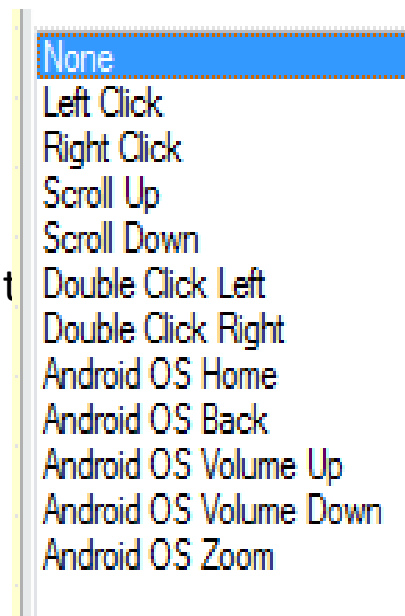**Step 3:** Open the **Mouse 1** menu and the settings appear

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CUSTOMISING BLUETOOTH – NUDGE

Step 4: double click on the Forward Nudge – show to left

Step 5 – It will reveal the list of commands you can program. Select the desired command.

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CUSTOMISING BLUETOOTH – NUDGE

POPULAR TEMPLATE

Below is a popular template that will work for most people. Start with this and then customise it to your client.

Android Phone / Tablet

Reverse Nudge = Android OS Home (Phone Home Screen)

Left Nudge = Right Click (Back Up)

Right Nudge = Left Click (Forward)

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BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – NUDGE

CUSTOMISING NUDGE SPEED

A client must be able to double tap the joystick to complete a nudge command. The speed of this can be programmed to suit the ability of a client.

Default = 200ms

If a client is not quick enough, it can be increased

If a client accidently keeps nudging (they are too quick with controls) this can be reduced

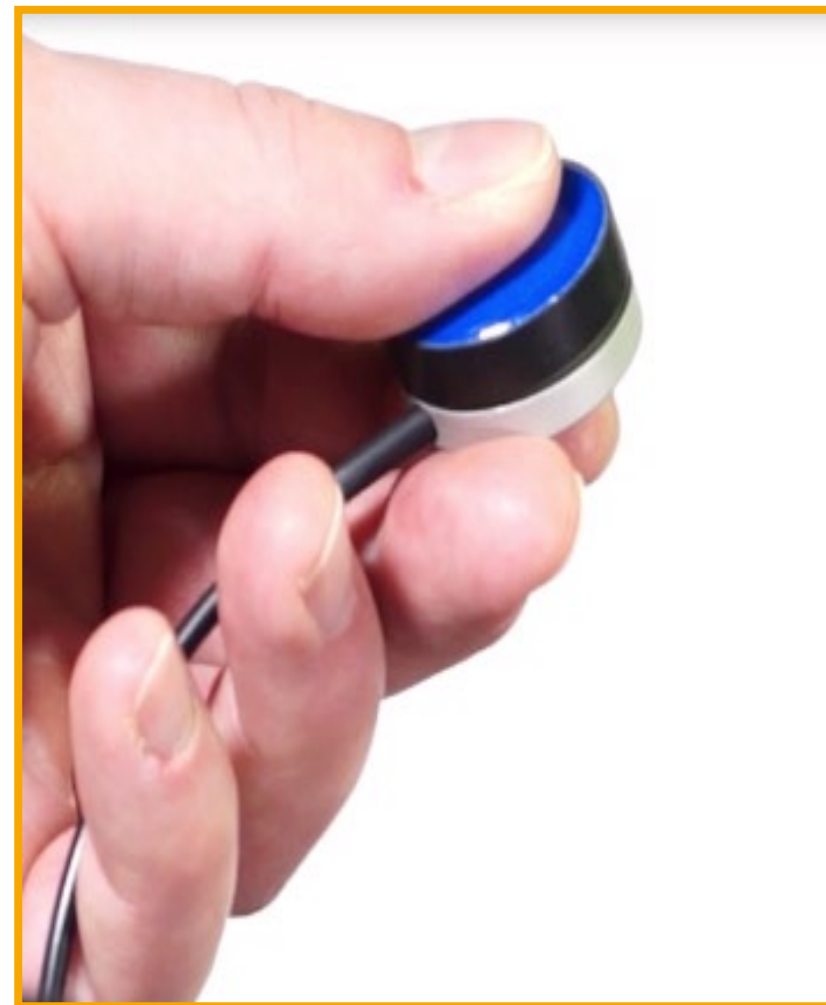IMPROVING PEOPLE'S LIVES

BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – BUDDY BUTTON

Some clients can find it difficult to make the nudge commands and using a buddy button mounted to the armrest can be easier.

A buddy button can be programmed to "select" or "back up".

Clients can use the joystick to navigate the mouse over icons and use the button to select (short press) or back up (long press)

BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – BUDDY BUTTON

Step 1: Plus a buddy button into

the external jack socket port via

the joystick

Step 2: Connect the R-Net

Dongle. Open the PG programmer
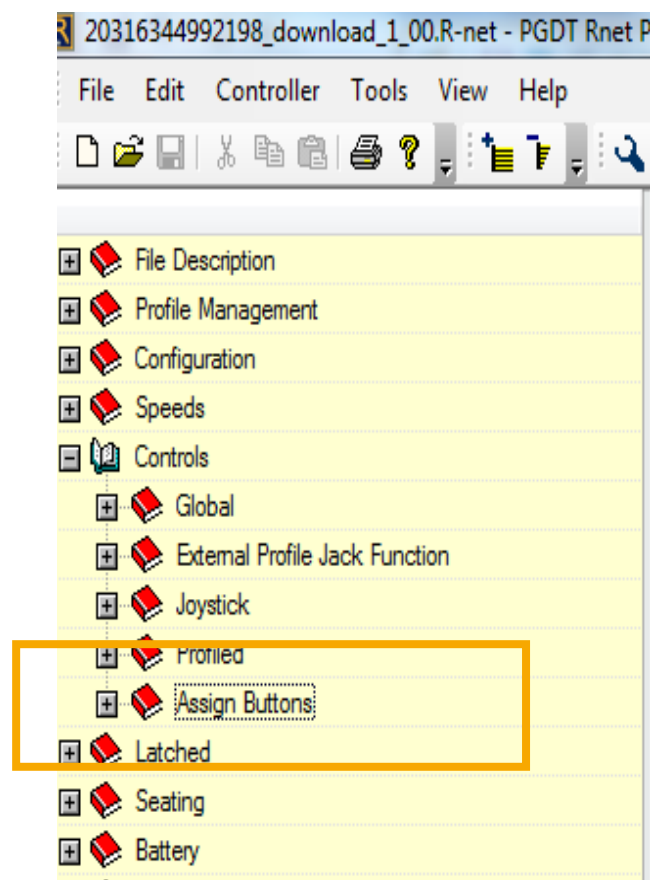
and read out the program.

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CUSTOMISING BLUETOOTH – BUDDY BUTTON

Step 3: Select Assignable buttons

form the Rnet menu shown below

Step 4: double click on first
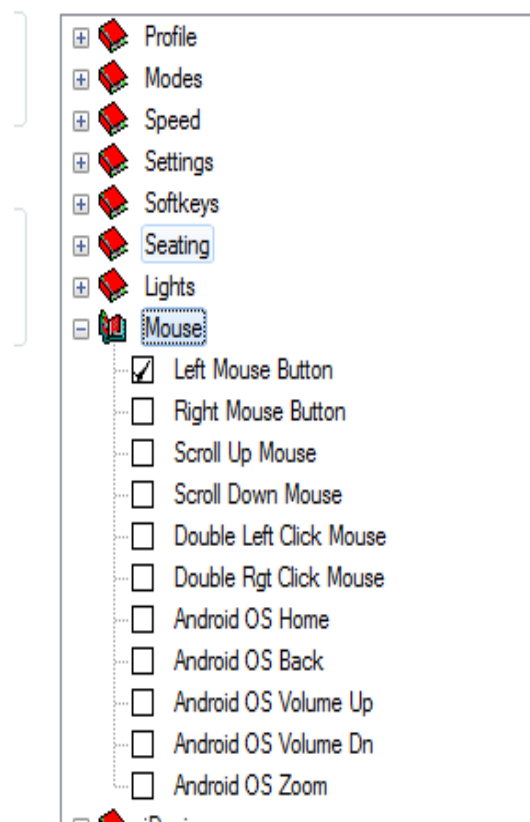
function / external jack socket 1

as shown below

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BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – BUDDY BUTTON

Step 5: In the assignable button menu select "Left Mouse Button" or another function

Step 6: Repeat for second function and set to "Android OS Back"

BLUETOOTH CONTROLS
CUSTOMISING BLUETOOTH – BUDDY BUTTON

The program should look like this.

Program the chair and whilst hovering over the ICON use a short press to select / type and a long press to back up.

Remember time can be programmed via "second function time"

Short Press = Left Mouse button = Enter

Long press = Right Mouse button = Back Up

Assign Buttons	First Function	Second Function
Second Function Time	1.0 s	
Profile Button	Profile Up	Profile Up
Mode Button	Mode Up	Mode Up
External Profile Jack 1	Left Mouse Button	Right Mouse Button
External Profile Jack 2	Mode Up	Mode Up
Speed Down Button	Speed Down	Speed Down
Speed Up Button	Speed Up	Speed Up
Horn Button	Horn	Horn
Lights Button	Lights	Lights
Left Indicator Button	Left Indicator	Left Indicator
Right Indicator Button	Right Indicator	Right Indicator
Hazards Button	Hazards	Hazards
Softkey 1	Hazards	Settings
Softkey 2	Left Indicator	Left Indicator
Softkey 3	Lights	Lights
Softkey 4	Right Indicator	Right Indicator
AB Latched Seating Timeout	45 s	

SUNRISE MEDICAL.

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HOW TO SET I-DEVICE CONTROLS

BLUETOOTH CONTROLS
PAIRING YOUR DEVICE

Step 1: Enter I-Device Menu on the joystick and push forward for 15 seconds until you hear a beep

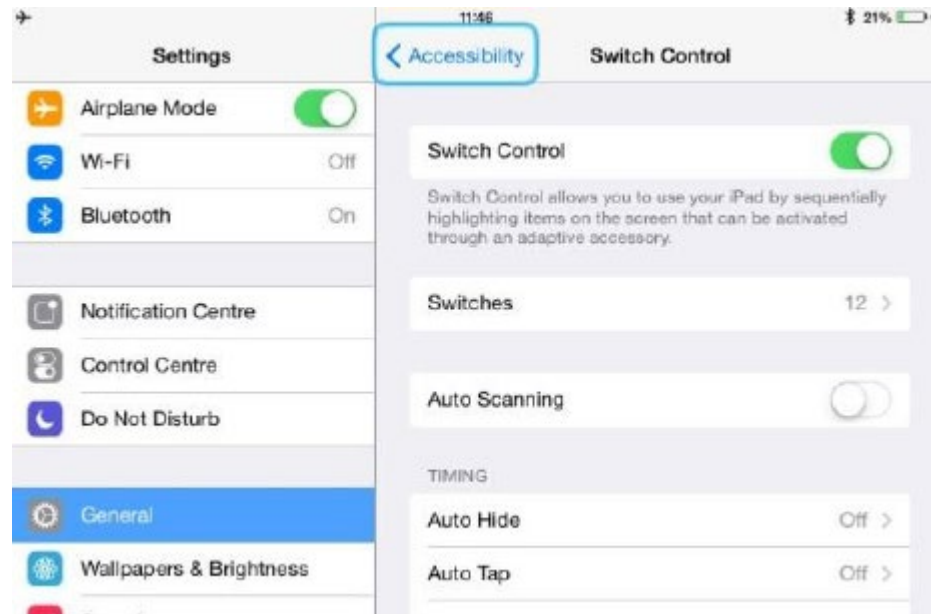**Step 2:** Pull back for 15 seconds until you hear a beep

Step 3: You will now be able to find R-Net Controls in your device Bluetooth menu

IMPROVING PEOPLE'S LIVES

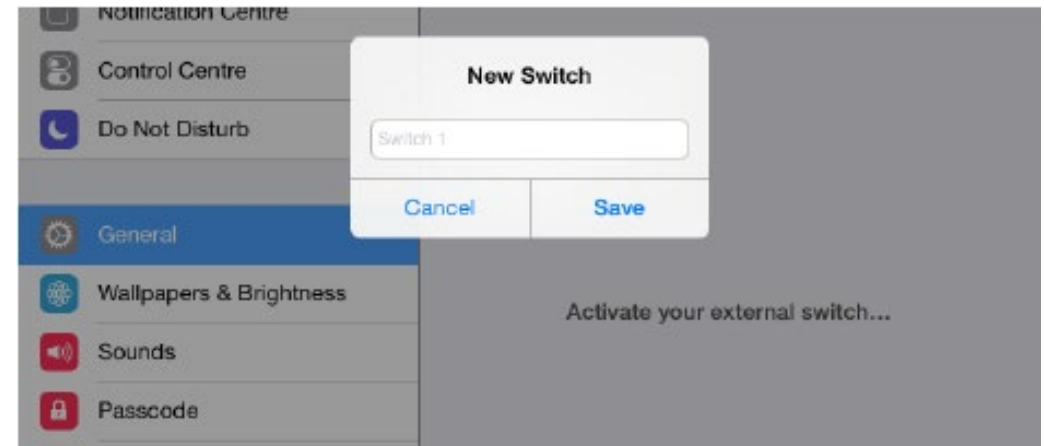**Step 4:** From the Apple device select: **Settings**-**General**-**Accessibility** – **Switch Control** - **Switches**

Within Accessibility there are Auto Scanning and Auto Hide options. It is recommended that these options are turned off for the initial set up.

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BLUETOOTH CONTROLS
PAIRING YOUR DEVICE

Step 5: **Select Add New Switch** - **External**

- To add a switch hold the joystick forward, right, back or left for a short medium or long duration then bring it back to the neutral position.

- When you have done this for one movement e.g. forward short.

- The following will appear for you to name the command e.g. forward short

 - Once named select save

BLUETOOTH CONTROLS
PAIRING YOUR DEVICE

Step 6: Once saved the screen to below will appear, select which command you wish to assign to the nudge.

Step 7: Once you have selected the command, repeat step 5 and step 6 to set up more nudge commands. You will be able to set up to 12 nudge commands.

Choose a switch action.

SCANNER

Select Item

Scanner Menu

Resume Auto Scanning

Move To Next Item

Move To Previous Item

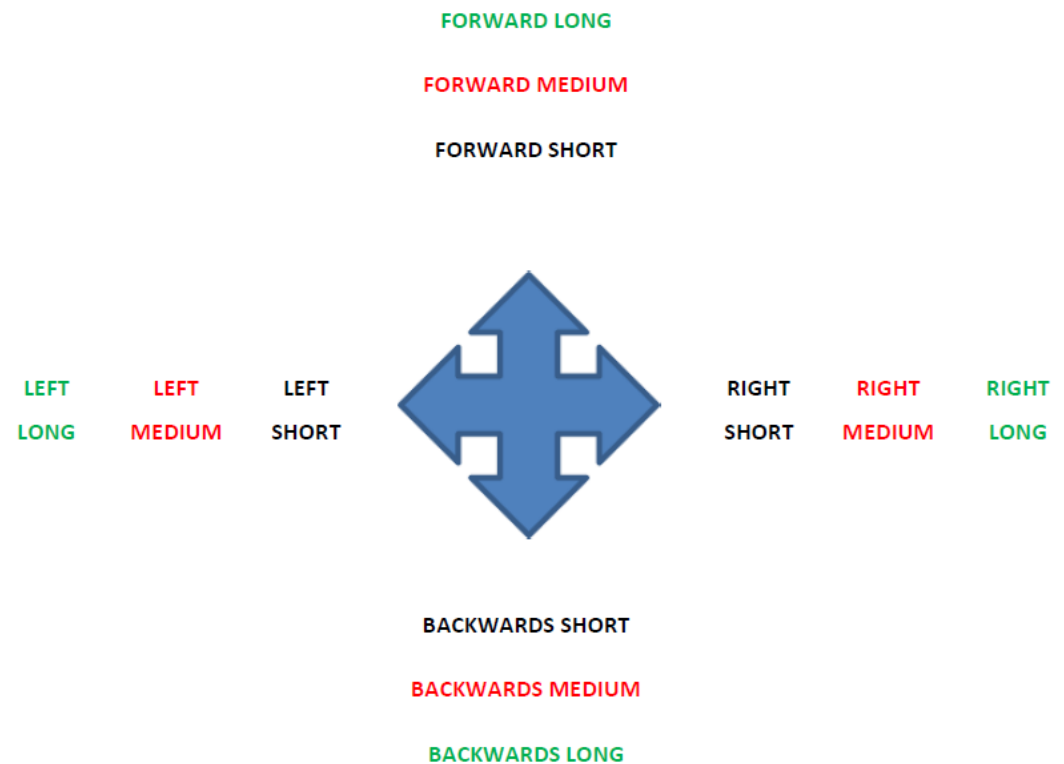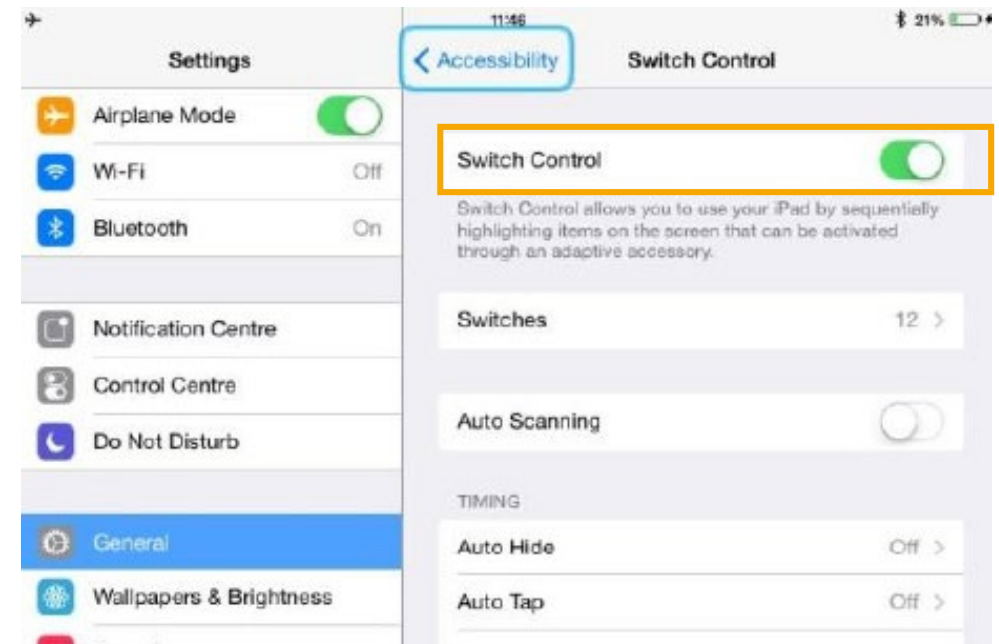Stop Scanning

SYSTEM

Tap

App Switcher

Home Button

Notification Centre

Siri

Decrease Volume

FORWARD LONG

FORWARD MEDIUM

FORWARD SHORT

LEFT LONG   LEFT MEDIUM   LEFT SHORT   RIGHT SHORT   RIGHT MEDIUM   RIGHT LONG

BACKWARDS SHORT

BACKWARDS MEDIUM

BACKWARDS LONG

Step 8: Once you have assigned the commands to the nudges as required, come out of **switches** to the **switch control menu** (see right)

Finally **turn on** switch control.

The I-Device is now connected to the Apple device.

BLUETOOTH CONTROLS
CUSTOMISING I DEVICE– NUDGE

CUSTOMISING NUDGE SPEED

A client must be able to tap the joystick to complete a nudge command. The speed of these nudges can be programmed to suit the ability of a client.

Short Nudge = 50ms – 200ms

Medium Nudge = 200ms – 300ms

Long Nudge = 300ms - +

If a client is not quick enough, it can be increased

If a client accidently keeps nudging (they are too quick with controls) this can be reduced