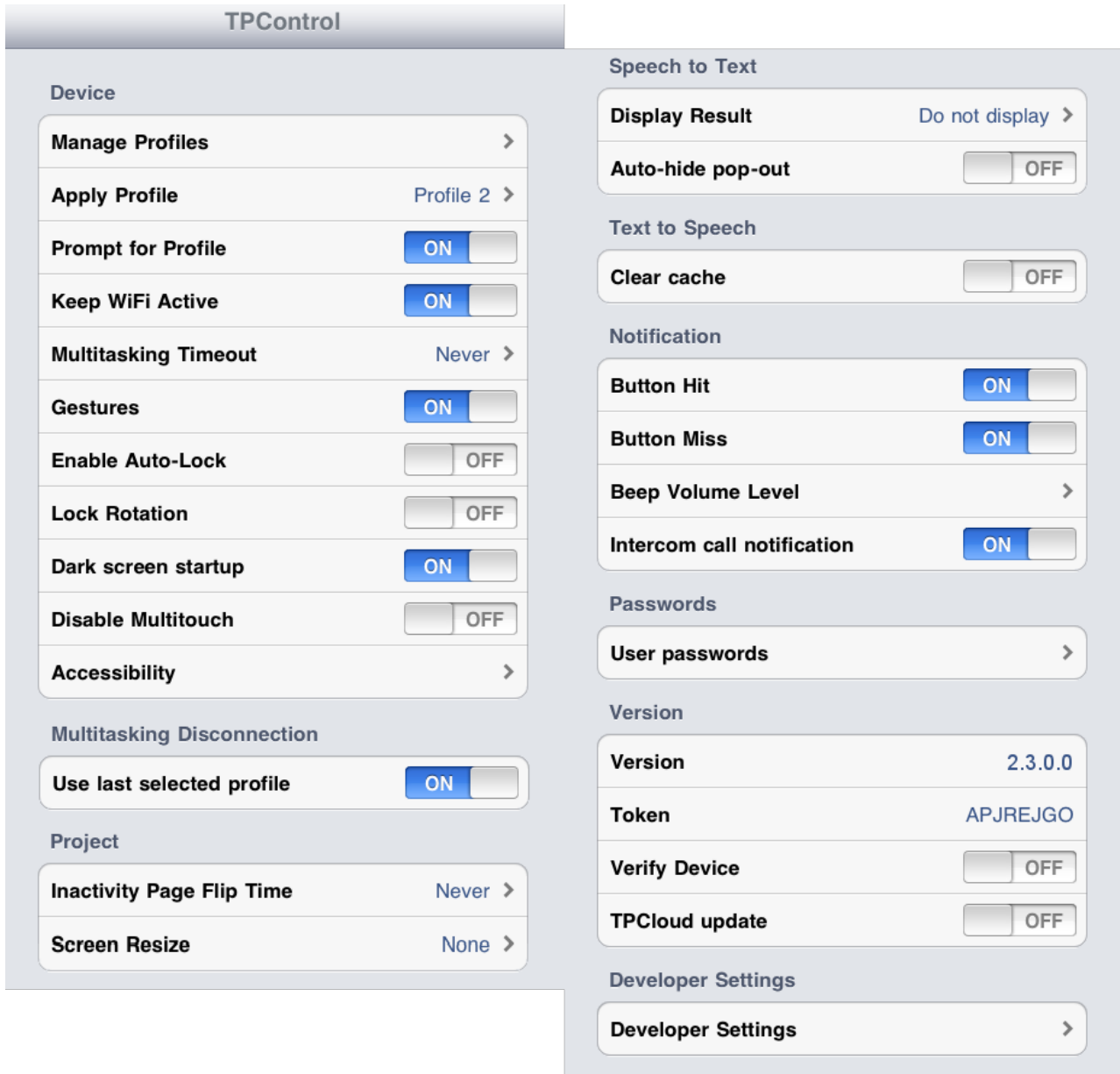


The following is a guide to configuring the Settings available within TPCControl for Apple devices.

Begin by opening the **Settings** application on your device, navigate down to the Applications section and select **TPControl**. Pictured are the options available from the primary Settings menu, with detailed descriptions included in the following pages.



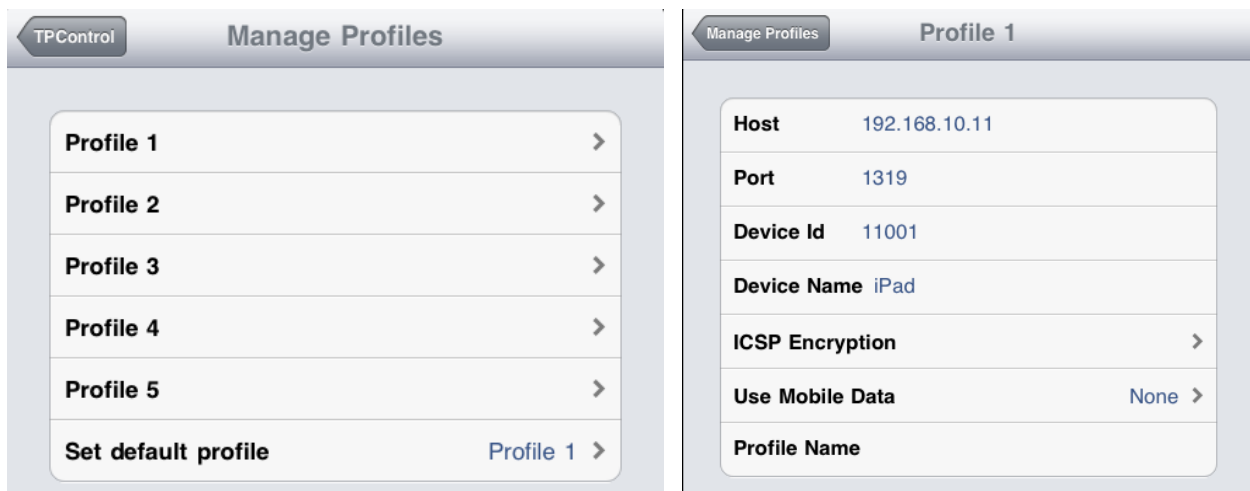
Device:

## Manage Profiles

Profiles have been introduced to TPControl from v2.3.0.0, and replace previous *Local Host/Remote Host* configuration options.

Profiles provide the ability to define independent connection-based information for the device, which can easily and quickly be recalled. API commands support manipulation of all aspects of each profile definition, essentially providing limitless combinations for profile configurations.

Selecting the 'Manage Profiles' option will present 5 profile selection options as well as an option to define a Default profile.



### Profile 1, 2, 3, 4 or 5

Choosing a profile to edit will present the following options:

#### Host

The Host field is used to enter the primary address of the NI Master that will be used for communications.

Supports: IP address and Fully Qualified Domain Name (FQDN e.g. 'myNI.touchpanelcontrol.com').

#### Port

The IP Port number used by the ICSP protocol for communication between the NI Master and TPControl. Default is port 1319.

#### Device ID

This is the AMX Device ID that TPControl will use to identify itself with the NI Master. AMX programming events utilise this Device ID for communication to and from the NI Master and TP Control.

#### Device Name

This is used as an additional method of identifying the device with the NI Master, and is also utilised within TPTransfer to assist in device identification. e.g. "Android-Kitchen".

#### ICSP Encryption

ICSP data communications can be encrypted for an additional level of security. Options provided are:

- *Enable ICSP Encryption*

TPControl will utilise encrypted ICSP communication when enabled.

**NOTE:** If a device has ICSP Encryption enabled, and the NI Master is not configured for ICSP

Encryption, the device will still connect to the NI Master. i.e. ICSP settings are only considered relevant when the NI Master is configured for ICSP Encryption.

- *Username*  
Select to enter the username with ICSP Encryption privileges configured on the NI Master.
- *Password*  
Select to enter the password associated with the *username*.

**NOTE:** ICSP Encryption must be enabled on the NI Master for encrypted ICSP communications to be supported.

### **Use Mobile Data**

The following options are available to for establishing a connection to the NI master:

- *None*  
Device will only use the WiFi adapter to establish a connection
- *With WiFi*  
Device will use the WiFi adapter to establish a connection if a connection is present. If no WiFi is available, MobileData will be used to establish a connection
- *Without WiFi*  
Device will use only MobileData to establish a connection  
*NOTE:* MobileData may not be supported while an active WiFi connection is present.

### **Profile Name**

This option provides the ability to name a profile.

Naming a profile is only necessary if you would like TPControl to present the profile as an option within the built in 'Connect using profile...' connection dialog. This is particularly useful when multiple connection profiles are configured. Some examples names would be; Profile 1:'Room A', Profile 2:'Room B', etc.

### **Set default profile**

Choose from any 1 of the 5 available profiles to define the default.

The default profile determines which profile TPControl will use at startup. The default profile is used only when starting TPControl if it was not previously running in multi-tasking mode (Home screen). If TPControl was running in multi-tasking mode, the active profile will remain operational.

**NOTE:** The current active profile will not be affected when setting the default profile.

### **Apply Profile**

Choose from any of the 5 available profiles, to activate the chosen profile.

**NOTE:** The profile will be applied once you exit Settings, relaunch TPControl and answer 'OK' to the 'Settings were changed' dialog.

### **Prompt for Profile**

When enabled, TPControl will present the 'Connect using profile...' dialog window. The window will be presented whenever returning from the Home-screen or multi-tasking mode. This is independent of whether an active profile connection exists or not.

The following named or unnamed profiles will be shown:

- the current active profile
- the current default profile
- any named profile

**NOTE:** The "Not Connected" dialog will automatically present the 'Connect using profile...' dialog window independent of the *Prompt for Profile* setting. Supported in TPCControl v2.3.0.0+.  
*Local NI Master*

## Keep WiFi Active

When Enabled, TPCControl will continue to keep a connection live with the NI Master when the device goes to sleep or another application takes device focus e.g. the device Home screen.

## Multitasking Timeout

This is used when the device is running in a Multitasking environment (iOS4+). The application will continue to run in the background for the period of time specified. One of the benefits of the application running in the background is no loading time between the Home screen and TPCControl. The timeout is used to preserve battery life, rather than TPCControl sustaining an active connection indefinitely.

**NOTE:** iOS5 introduced an enforced 2.5 minutes application timeout, which overrides the Multitasking timeout feature. So, if the device is running iOS5+, TPCControl will be forced to disconnect after ~2.5 minutes when running in multi-tasking mode.

## Gestures

Enable or disable AMX gesture recognition. Default is enabled. Recommend disabling when Accessibility mode is enabled, due to gesture specific operation of Accessibility functions.

## Enable Auto-Lock

When Enabled this will allow the Device to run the OS screen lock feature as set in "General Settings" on the device. If Enable Auto-Lock is set to "Off" the screen will stay active until the Power button is pressed.

Battery life can be reduced significantly when this feature is not enabled.

## Lock Rotation

- *Disabled:* Allows the project content to rotate based on the orientation of the device.
- *Enabled:* Prevents the device from rotating the project content based on the orientation of the device.

## Dark screen startup

When Enabled provides a dark background loading image for TPCControl as opposed to the default white background loading image.

## Disable Multitouch

- *Disabled:* Allows multitouch operation.
- *Enabled:* Prevents multitouch operation  
e.g. a release must be issued before the next press will be recognised.

## Accessibility

Supports device Accessibility **VoiceOver** mode.

When Accessibility **VoiceOver** is enabled, the device will readout any text included in button elements, specifically text defined in the "States: Text" field of button elements of the TP4 file.

On your device, go to "Settings -> General -> Accessibility -> VoiceOver" and enable/disable the feature as required.

*Gestures:* Standard gesture recognition is replaced with Accessibility specific gesture functionality.

Gestures for use in TPControl include:

- left/right for sequential button selection
- up/down for per-character text readout within buttons, or increase/decrease the value of a level value when a bargraph/level is active.

Recommendation:

If your TP4 design includes popup pages, it is recommended that the popups are defined as "modal", to ensure that buttons from underlying pages/popups do not confuse navigation when gesture navigation is used.

**NOTE:** Buttons that are disabled or hidden are ignored.

Symbols and characters:

There are times when fonts containing symbols may be utilised within the user interface design e.g. play, stop, pause etc. The symbols themselves relate to ascii-characters, and are likely not the desired text for readout. To overcome this, placing text in the buttons "General: Description" field, will by default be used for readout, rather than text that may usually appear in the "States: Text" field.

TPControl provides the following options during device Accessibility mode.

### Include buttons with no text

- *Disabled:* gesture navigation left/right will ignore buttons that do not contain any text.
- *Enabled:* gesture navigation left/right will include buttons that do not contain any text.

### Level increment

When a "bargraph/level" is selected within TPControl, the up and down gestures may be used to increment/decrement respectively the level value. The level of adjustment as a percentage, can be changed using this option.



*Multitasking Disconnection:*

### Use last selected profile

In the case where iOS has forced TPControl to disconnect during multitasking mode, this setting defines whether the last selected profile or default profile is used for reconnection when returning to TPControl.

- *Disabled:* the **default** profile will be used to reconnect
- *Enabled:* the **last selected** or previously active profile will be used to reconnect

Project:

## Inactivity Page Flip Time

When a value is set, if a button has not been pressed within the specified time, TPControl will flip to the Inactivity page that has been defined within the properties of the AMX TPDesign4 TP4 file.

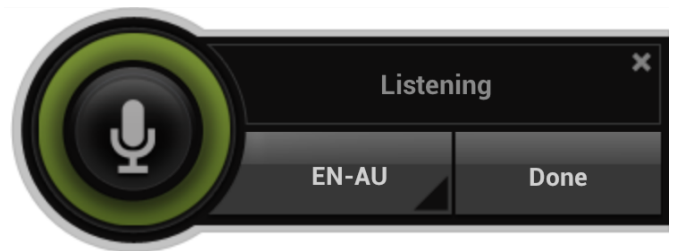
## Screen Resize

Options provided here allow the TP4 project to be presented in the following modes:

- *None*  
No resizing of the original TP4 project is applied, and will be shown using the original aspect and resolution.
- *Scale-to-fit (default on first install)*  
The original TP4 file will be upsized or downsized, retaining the original aspect-ratio of the project. At least one dimension will be fully utilised when displayed on the device.
- *Stretch-to-fit*  
The original TP4 file will be upsized or downsized, independently for the height and width of the project i.e. the aspect ratio of the design *may* be affected/stretched as a result. The project will fill the entire display on the device when presented.

Speech-to-Text:

Speech-to-Text requires the device to have unrestricted Internet access.



## Display Result

The result of Speech-to-Text analysis can be displayed via a brief notification on-screen. Options available are:

- *Do Not Display:* Results will not be displayed
- *1 result:* 1 result will be displayed (default)
- *2 results:* Up to 2 results will be displayed
- *3 results:* Up to 3 results will be displayed

**NOTE:** Errors in processing will always solicit a notification independent of this setting.

## Auto-hide pop-out

- *Disabled:* TPControl will hide the Speech-to-Text recording dialog only after a successful result is processed.
- *Enabled:* TPControl will hide the Speech-to-Text recording dialog once processing of recorded audio commences, irrespective of the result.

### Text-to-Speech:

## **Clear cache**

Clears the text-to-speech cache which is created during operation.

### Notification:

## **Button Hit**

When enabled, Button Hit produces a "Beep" sound when a valid button area is pressed within the touch panel design file.

## **Button Miss**

When enabled, Button Miss produces a "Double Beep" sound when any area outside of a valid button area is pressed within the touch panel design file.

## **Beep Volume Level**

Sets the level at which the volume for the Beep will be announced. When running TPControl, the device Hard Volume buttons will adjust the audible level of the Beep Volume Level.

## **Intercom call notification**

When enabled, if TPControl is running but does not currently have application focus, an alert notification will be presented on the device.

**NOTE:** this notification occurs only if corresponding intercom call initiation commands are received by TPControl.

**NOTE:** iOS5 introduced an enforced 2.5 minutes application timeout. So, if the device is running iOS5+, TPControl will be forced to disconnect after ~2.5 minutes when running in multi-tasking mode, meaning that Intercom call notifications will not be received after this timeout.

### Passwords:

## **User passwords**

There are up to 4 user passwords that can be used within a TP4 file for protected Page Flip actions, and a 5th for system protected Page Flip actions. Define each password in this section.

### Version:

## **Version**

This is the current software version of TPControl running on the device.

## **Token**

This is the Token that the device is registered to.

## Verify Device<sup>1</sup>

This option provides the ability for the device to update TPControl licence information when changes have been applied at the Touch Panel Control servers, and is independent of TPTransfer. For example, in the case of "rolling licences", this option can be used to update and extend the licence period for the device.

When enabled, the function is performed once you select the "Back" option, and apply the changes by selecting "OK" (refer to "Applying the settings" for more information).

The option is reset back to *off* after changes have been applied, but can be re-enabled at any time to repeat the verification process.

If successful, a "Device successfully verified" message will be presented.

## TPCloud update<sup>1</sup>

This option provides the ability to update the TPControl **TP4** file and/or **Settings** via the internet, empowering an onsite technician or end-user to apply updates directly from the device.

Management of device Settings and TP4 file uploads is provided via your account login at [www.touchpanelcontrol.com](http://www.touchpanelcontrol.com).

Simply, navigate to "[My Account > Tokens: TPControl licences \(TPCloud\)](#)" and any registered tokens will have access to **Upload** and **Settings** configuration options for the respective device.

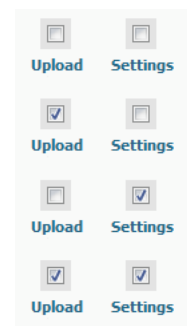
- Selecting the **Upload** link will present the Upload options
- Selecting the **Settings** link will present the Settings options

**NOTE:** The TP4 file and Settings represented may not represent those that are currently installed on the device.

Based on selection of the "Upload" and "Settings" **checkbox** options, the respective information stored by **TPCloud** will be applied to the device when the "TPCloud update" option is enabled on the device, and TPControl is launched.

For example, you can update;

- nothing (both the *Upload* and *Settings* checkboxes are not selected)
- only the TP4 file
- only the Settings
- both the TP4 file and the Settings



<sup>1</sup>**NOTE:** In order for this to complete successfully, you will need to have internet access available from the device, and the device will need to have been previously registered.

Example **TPCloud update** management features are pictured below:

**NOTE:** TPCloud functionality via the website will be updated to provide Profile based 'Settings' support at a later date.

Legacy 'Local NI Master' and 'Remote NI Master' configurations will respectively apply to 'Profile 1' and 'Profile 2'.

Device Type	Token/Place Order	License Status Name	Created/Activated	Expires	UDID	Deauthorize *	Order ID	Last Update	TPCloud Settings (Remote Update)
----- Full Licenses -----									
	EDBOHRWQ	Full licence	10/02/2011 10/02/2011	never	35828001011	0/3 Deauthorize		16/08/2011	

File Name: battery.levels.TP4    File Size: 0.78 MB    Uploaded at: 16/08/2011, 00:00:00    Latest download: Never    UPLOAD NEW TP4 FILE

**Local NI Master**

Local Host:

Local Port:

**Remote NI Master**

Remote Host:

Remote Port:

Enable 3G:

Prompt for Local/Remote:

---

**Device**

Device ID:

Device Name:

Keep WiFi Active:

Multitasking Timeout:

**Accessibility**

Gestures:

Enable Auto-Lock:

Lock Rotation:

Dark screen startup:

Disable Multitouch:

Include buttons with no text:

Level Increment (%):

---

**Project**

Inactivity Page Flip Time:

Screen Resize:

**Notification**

Button Hit:

Button Miss:

Beep Volume Level(%):

Intercom call notification:

---

**Passwords**

Password 1:

Password 2:

Password 3:

**Developer Settings**

Developer Mode:

Transfer Port:

Restore All Settings:

TP4 file options:

SAVE
RESET

## Developer Mode

When enabled, this will allow TPControl to communicate with TPTransfer to receive TP4 files.

**NOTE:** When Developer mode is turned OFF, TPTransfer will not be able to communicate with TPControl.

## Transfer Port

The port used by TPControl to communicate with TPTransfer. Default port is: 10700.

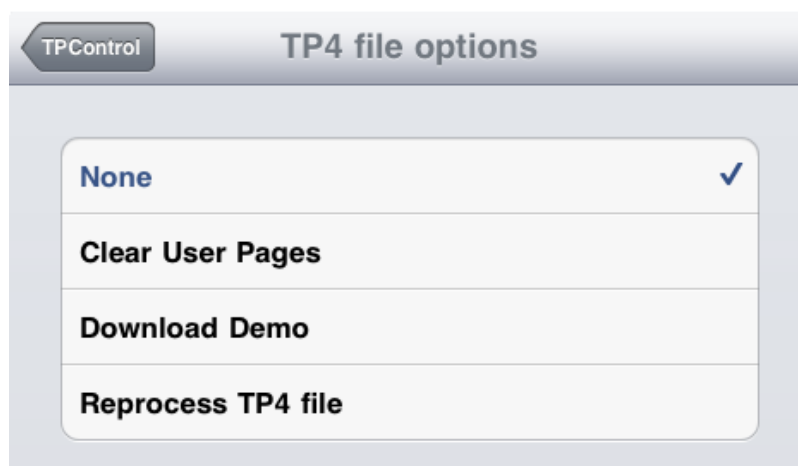
## Restore All Settings

When Enabled, this will restore all settings on the settings page back to defaults. (Settings are applied when you exit using the *Back* button.)

## TP4 file options

Operations specific to the TP4 file installed appear here, and are affected once you select the "Back" option from Settings.

- *None*  
Do nothing
- *Clear User Pages*  
When Enabled, the design file will be removed and the original Demo Pages will be loaded back onto the device.
- *Download Demo*  
Downloads the most recent TP4 demonstration file from Touch Panel Control
- *Reprocess TP4 file*  
Clears any caching, and reprocesses the installed TP4 file. This is the same process that runs whenever a file is transferred to the device.



## Problem Reporting

We aim to make your device integration as seamless as possible within your AMX environment. If you encounter any difficulties using the product or any of its features, please let us know and we will be happy to help you.

The helpdesk on our website at [support.touchpanelcontrol.com](http://support.touchpanelcontrol.com) operates from:

- Monday to Friday; 09:00 to 18:00 (GMT)
- Monday to Friday; 09:00 to 17:00 (AEST)

Touch Panel Control Team.

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