



Getting Started with your Tecla Shield

- Getting Started
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Getting Started

When you first turn on your Tecla Shield, the status indicator light will start to blink.

The colour of the blinking indicates the current mode. You can change the mode as described in “Connecting the Tecla Shield DOS” section, but first, you will want to decide which mode is right for you. Please refer to the table below for a short description of each of the modes. For detailed instructions on how to use each mode, please refer to the corresponding section of the guide.

STATUS INDICATOR LIGHT	MODE INDICATED	MODE DESCRIPTION
☼ White	Switch Control	This mode works in combination with Apple's accessibility feature called Switch Control (available starting in iOS7 and OS X Mavericks). With this mode, you can assign each switch to a specific action, such as "Select Item".
● Green	Android	This is the mode to access and control Android devices. It works in combination with the Tecla Access app, available for free in the Google Play Store.
● Blue	App Control	This mode is used with iOS "switch accessible" apps that use Space and Enter as switch inputs. It can also be used with Mac and Windows computers in combination with 3rd party scanning software.
● Purple	iOS Classic	This mode uses Apple's VoiceOver facility to access and control iOS devices. It works in all iOS versions. This mode allows for linear scanning navigation (i.e., next item and previous item) and can be used with a single switch all the way up to 4 switches.
● Pink	iOS 4-Way	Like the iOS Classic mode, this mode uses VoiceOver to navigate the device, but you can move in four directions, as opposed to the linear navigation in the iOS Classic mode. It is especially useful when using with a joystick or other multiple switches.
● Aqua	Mouse Keys	This mode works in combination with MouseKeys in Mac and Windows computers, allowing the user to control the mouse pointer using multiple switches.
● Orange	Battery Status	



Intermittent orange pulses indicate a low battery. Please refer to the hardware section in this guide to learn more about the battery indicator.

Connecting the Tecla Shield DOS

1 Turn on the Tecla Shield DOS

Slide the On/Off switch to ON to power up the Tecla Shield; the Status Indicator Light will start to blink.

2 Select the Tecla Shield DOS mode according the target device

- Press and hold the – or + button, the status indicator light will first start blinking rapidly and then change colour indicating that has it has successfully switched to a different mode (consult the table Understanding the Status Indicator Light in the The Hardware section for additional details).
- Repeat this process until you are in the appropriate mode for your target device.

3 Connect your Tecla Shield

Please proceed to the specific mode section below for detailed instructions on how to establish a connection between the Tecla Shield and your host device.



The - and + buttons are recessed into the case to prevent accidental selection. It is easiest to select them using small pointed objects such as a 1/8" switch plug or a key.

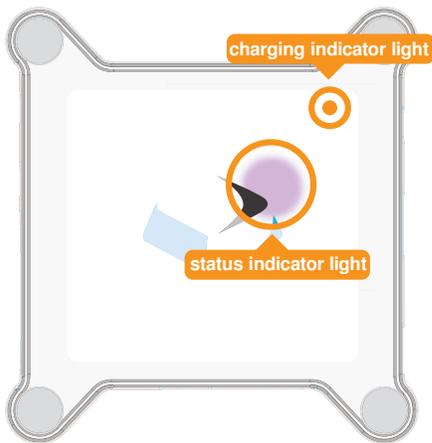


If you are switching devices, unpair from your current device before connecting to the new one.



The Hardware

Front View



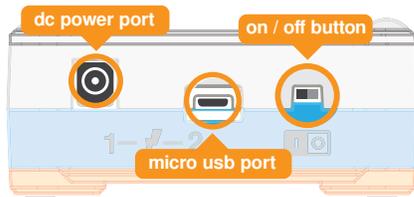
Understanding the Charging Indicator Light

When the Tecla Shield is connected to a power source (USB or DC input), the charging indicator light will come on, unless the battery is already fully charged. After the battery is fully charged, the charging indicator light will go out.

Understanding the Status Indicator Light

LIGHT BEHAVIOUR	SHIELD STATUS
Off	The Tecla Shield is powered off or the built-in battery is depleted
Blinking <i>(once per second)</i>	The Tecla Shield is ready to connect in the selected mode (colour indicates mode)
Blinking rapidly <i>(four times per second)</i>	A configuration button is being pressed and the Tecla Shield is about to change modes
Fading In / Out	The Tecla Shield is connected to a device in the selected mode (colour indicates mode)
Intermittent Orange Pulses <i>(between blinking and fading in / out)</i>	Battery level is below 20%

Left Side View



DC Power Port

Use an AC adapter with 2.1 mm center-positive barrel plug (9–24V) to charge your Tecla Shield. (Optional)

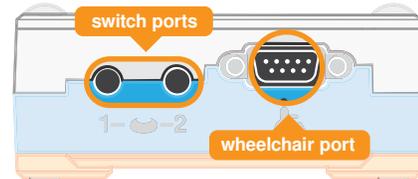
Micro USB Port

Use a USB cable to connect the Shield to a USB port or wall adapter to charge. (USB cable included)

On / Off Switch

Turn your Shield off when not in use to conserve the battery.

Right Side View



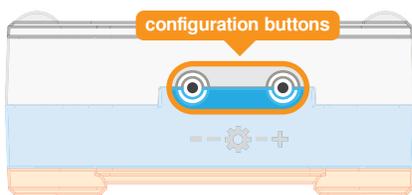
Switch Ports (1 and 2)

The Tecla Shield has two dual switch 1/8" or 3.5mm stereo ports labelled 1 and 2.

Wheelchair Port

Provides access to up to five switch inputs through a DSub, 9-pin (also known as DB9) connector. The wheelchair port is compatible with directional controls on standard powered wheelchair Environmental Control Unit (ECU) modules, as well as other multiple switch devices such as joysticks.

Bottom View



Configuration Buttons (- and +)

These buttons can be used to:

- Select a mode prior to connecting with a host device, or
- Once connected, modify (increase/decrease) the auto-scanning rate in supported modes.