



Touchscreen control device

TCD Manager Operation Guide

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Introduction

The TCD10 is a control device equipped with a touchscreen. It allows you to control components of a sound system comprising the network-connected Yamaha signal processor DME5 or DME3.

This Operation Guide provides details on using the TCD Manager application to manage the data and software for the TCD10. In order to take full advantage of the various functions of the TCD10, refer to this Operation Guide as necessary.

About TCD Manager

This is a Windows application for managing the TCD10. It can detect the TCD10 on the network and remotely manage software updates, settings, bookmarks and log files.

About this manual

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- The explanations in this Operation Guide are based on the latest specifications at the time of publication.

Software operating environment

This software runs on Windows 11.

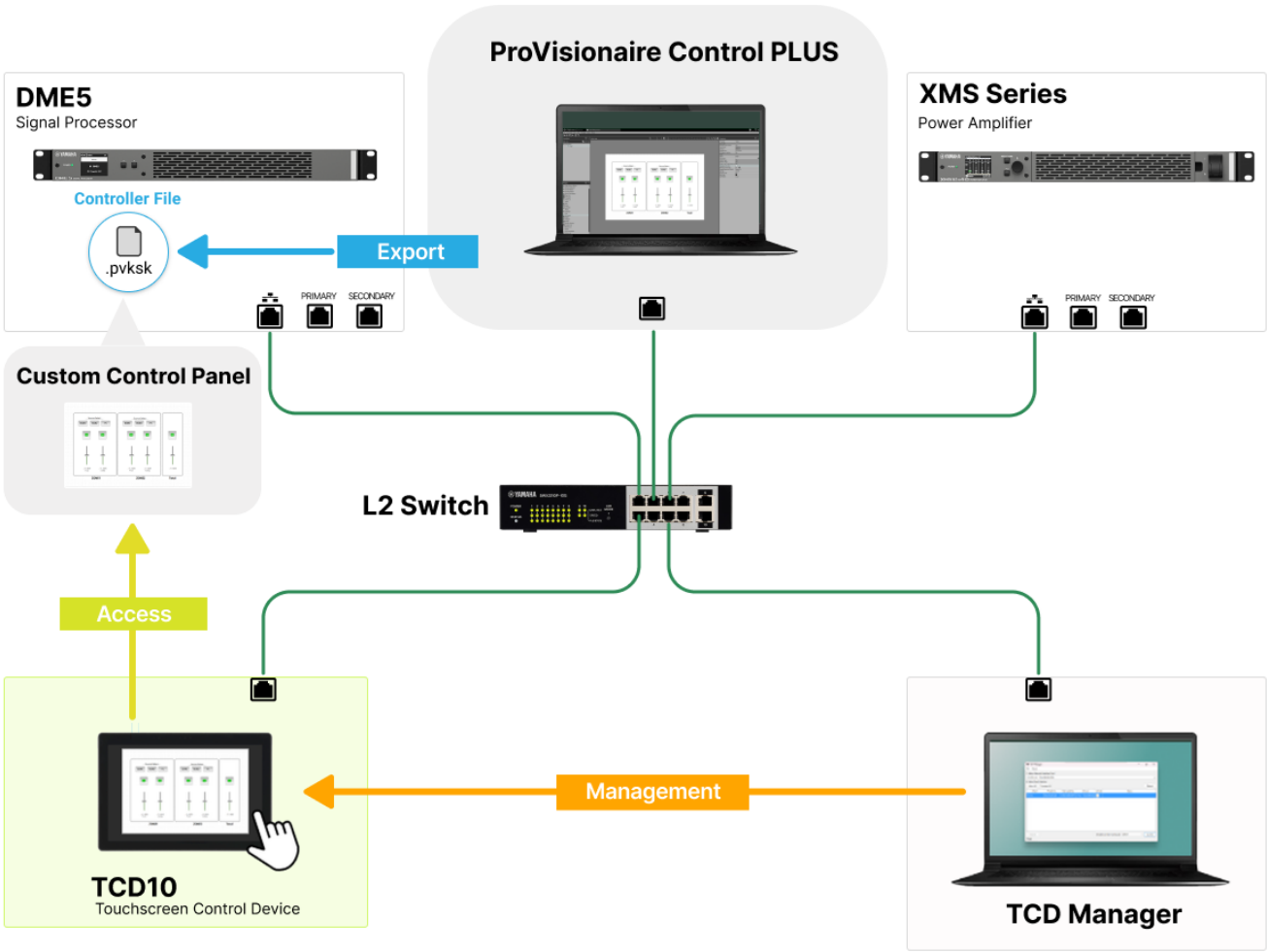


Note

Some computers may have requirements that exceed the recommended environment. Refer to the Yamaha website for up-to-date information on the latest software versions and operating requirements.

Yamaha Pro Audio global website
<https://www.yamahaproaudio.com/>

Connection diagram



Installing and starting TCD Manager

Installation

Download the TCD Manager installer file onto the computer, and then install the software.

1. Download the latest installer file from the Yamaha website.

Yamaha Pro Audio global website
<https://www.yamahaproaudio.com/>

2. Unzip the compressed file, and then install the application software.

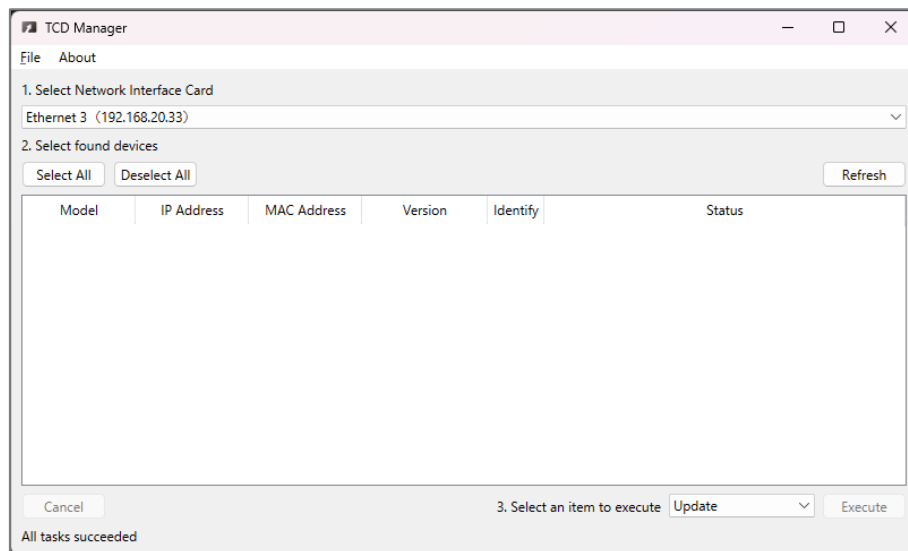
- ❶ Extract the contents of the ZIP file to an appropriate location.
- ❷ Double-click the Install_TCDManager.exe file in the folder.
- ❸ Follow the installer instructions to install the application.

Startup

Start TCD Manager as follows.

- Select “Yamaha TCD Manager” from the Windows Start menu.

When TCD Manager starts, the following screen is displayed.



TCD Manager screen

Screen layout

TCD Manager comprises three main operating areas.

Perform operations by using the procedure that corresponds to each operating area.

1. Network selection

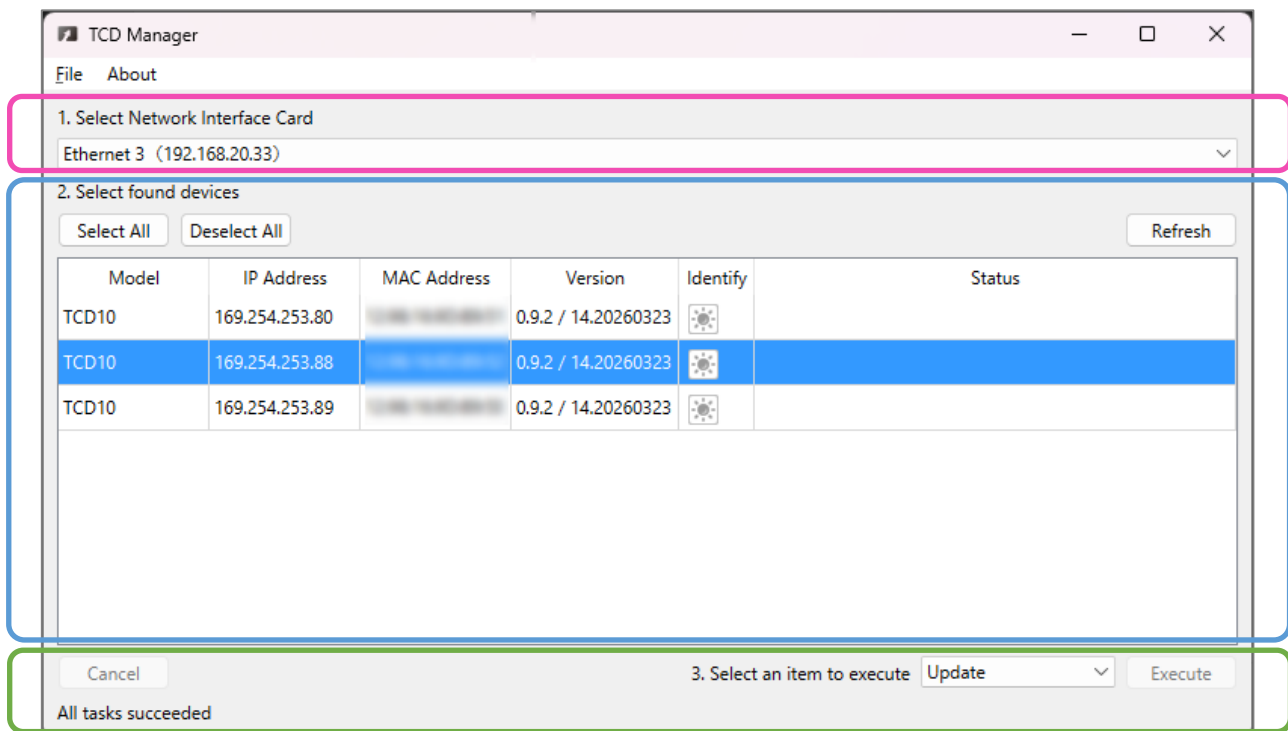
Select a network where a TCD10 is connected.

2. TCD10 selection

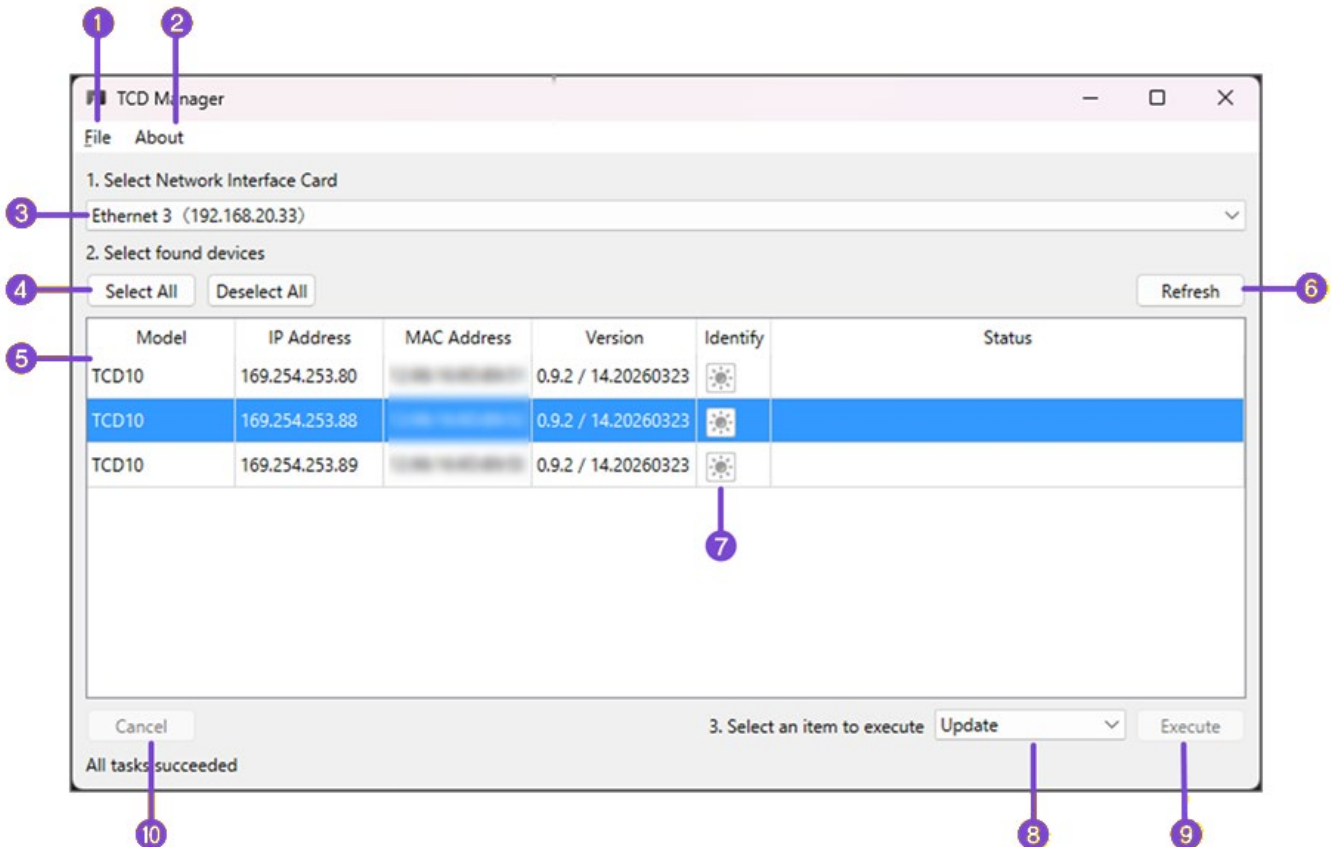
Select the TCD10 to be operated.

3. Function execution

Select the desired function, and then execute it.



Screen descriptions



1 [File] menu

[Exit]

Closes the application.

The application can also be closed as follows.

- Click the [x] button in the window.

2 [About] menu

[About]

This displays the application name and version number.

[Legal]

This displays the license information for the open-source software used in this application.

3 "1. Select Network Interface Card"

Select a network where a TCD10 is connected. If there are multiple networks, they will be displayed in a drop-down list.

4 [Select All] / [Deselect All] buttons

These select/deselect all TCD10 devices to be operated.

5 "2. Select found devices"

Information for the TCD10 devices detected on the selected network is listed.

Item	Details
Model	Model name
IP Address	IP address * This information can be copied by using the right-click menu.
MAC Address	MAC address * This information can be copied by using the right-click menu.
Version	TCD Launcher version / TCD10 operating system version
Identify	Status of Identify function (flashes green when activated)
Status	Status and result of executed function

Use the following methods to select the TCD10 devices to be operated.

Method	Details
Clicking	Selects one TCD10 device.
[Ctrl] key + Clicking	Adds/removes individual TCD10 devices to/from a selection, or selects multiple devices.
[Select All] button, [Ctrl] + [A] keys	Selects all TCD10 devices.
[Deselect All] button	Deselects all TCD10 devices.

6 [Refresh] button

Clears the list and again detects the TCD10 devices.

7 Identify icon

When  is clicked, the screen of the corresponding TCD10 device flashes for 5 seconds. In an environment where multiple devices are installed, this helps identify the specific device to be operated.

8 "3. Select an item to execute"

From the drop-down menu, select the function to be executed.

For details on the functions, refer to "[Function details](#)".

Function	Details
Update	This updates the firmware of the TCD10.
Export Logs	This saves the TCD10 log file to a computer.
Import Bookmark	This imports the TCD10 bookmark file from a computer into the TCD10.
IExport Bookmark	This saves the TCD10 bookmark file to a computer.
Import Settings	This imports the TCD Launcher settings file from a computer into the TCD10.

Export Settings	This saves the TCD Launcher settings file to a computer.
Screenshot Capture	This takes a screenshot of the TCD10 screen and saves it to a computer.

9 [Execute] button

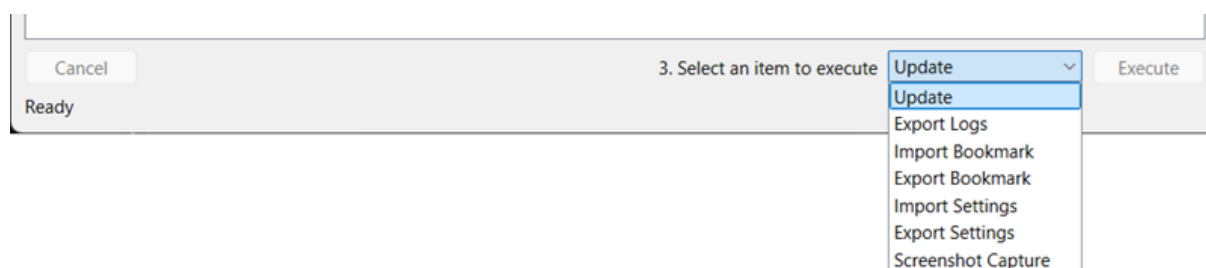
This executes the selected function.

10 [Cancel] button

This stops the function that is being executed.

Function details

The functions described here can be selected from the drop-down menu shown below.



Update

This updates the TCD10 operating system and TCD Launcher application. Execute this function when new firmware has been released.

The firmware can be downloaded from the Yamaha website.

<https://www.yamahaproaudio.com/>

- Firmware files have the ".bundle" extension.
(Example: TCD10_firmware_V100.bundle)
- Executing the Update function transfers data from TCD Manager to the TCD10. Once the transfer is complete, follow the instructions on the TCD10 screen.

Export Logs

This saves the TCD10 log file to a computer.

- The file is compressed and saved with a name in the following format.
"TCD10 - logs - <MACADDRESS>.zip"
- The types of log files that can be saved vary depending on the permission settings specified in TCD Launcher.

Permission settings: TCD Launcher → Settings → Admin → Panel Remote Management Permissions

File	Details	Permission setting
logs.csv	Standard log and authentication log	Export of basic Log file
auth_logs.csv	Authentication log	Export of basic Log file
detailedLog.txt	Operating system log	Export of Detailed Log file

Import Bookmark

This imports the TCD10 bookmark file (.json) from a computer into the TCD10.

Export Bookmark

This saves the TCD10 bookmark file (.json) to a computer.

- The file is saved with a name in the following format.
"TCD10 - bookmark - <MACADDRESS>.json"

Import Settings

This imports the TCD Launcher settings file (.json) from a computer into the TCD10.



Note

If any changes involving screen rotation were applied, the TCD10 will automatically restart.

Export Settings

This saves the TCD Launcher settings file (.json) to a computer.

- The file is saved with a name in the following format.
"TCD10 - settings - <MACADDRESS>.json"

Screenshot Capture

This takes a screenshot of the TCD10 screen and saves it in the PNG format to a computer.

- The file is saved (with a name in the following format) in the Documents folder.
"TCD10 - screencapture - <MACADDRESS> - datetime.png"

