



A Tektronix Company

Multi-Function Control TSP[®] Application Script

Keithley Instruments
28775 Aurora Road
Cleveland, Ohio 44139
1-800-935-5595
tek.com/keithley

Version 1.0.0 Firmware Release Notes

CONTENTS

General Information	2
Supported Models	2
Installation Instructions	2
Version 1.0.0 Release	3
Overview	3

GENERAL INFORMATION

SUPPORTED MODELS

This application can be used on the following Keithley Instruments product models:

Model DAQ6510 Data Acquisition and Multimeter System

Model 7706 All-in-one (Multi-function) IO Module

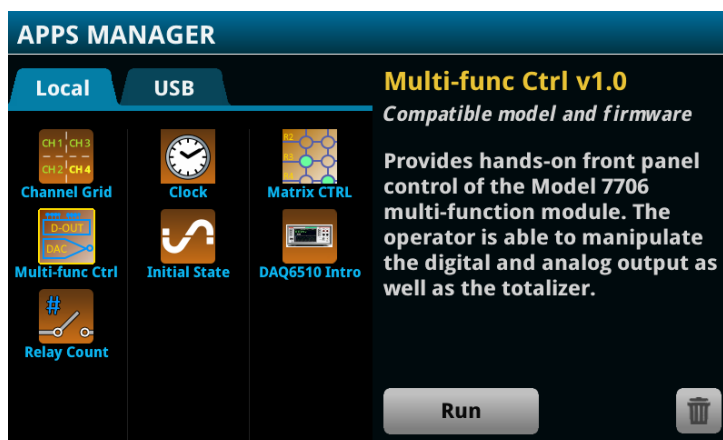
INSTALLATION INSTRUCTIONS

CAUTION

Do not turn off power or remove the USB flash drive until the upgrade process is complete.

From the front panel:

1. Copy the application file (.tspa file) to a USB flash drive.
2. Verify that the application file is in the root subdirectory of the flash drive.
3. Insert the flash drive into the USB port on the front panel of the instrument.
4. From the instrument front panel, press the **MENU** key (or press the **APPS** key if available on your instrument, then skip the next step).
5. Under Scripts, select Apps.
6. The Local tab shows your installed applications. Select the USB tab to display the applications on your USB flash drive.



7. Select an app. You will see a brief description and function of the app as well as instrument compatibility.
8. Select the save icon to install the application onto your instrument or select **Run** to execute the application from the USB flash drive. If you are updating an application, you will be prompted to overwrite the existing version.

You can delete an application from the instrument or your USB flash drive by selecting the delete icon.

VERSION 1.0.0 RELEASE

OVERVIEW

This application script allows you to perform the following operations using the Model 7706 multi-function cards:

- Set the state of individual digital output bits (16 in total) across both available channels.
- Set the output level of either of the two analog output channels.
- Configure the totalizer/counter in any of the four available modes and read back the counter value.

The script does not perform a reset upon launch. Therefore, the states of the digital outputs, analog outputs, and totalizer will be recognized as configured by scans, scripts, or external programs then presented as shown in the user interface.

For the latest version of this application and to see other applications, visit <https://www.tek.com/keithley/tsp-applications-for-touch-test-invent-models>.