

# pCLAMP Data Acquisition and Analysis Software Quick Start Guide

pCLAMP™ Data Acquisition and Analysis software is the data acquisition and analysis suite from the Axon Instruments Conventional Electrophysiology product line of Molecular Devices. Designed for a variety of experiments, pCLAMP software version 11.2 is the latest version that has become the standard for electrophysiological experimentation and analysis.

The pCLAMP software Version 11.2 suite includes the following:

- Clampex software, for data acquisition and production of stimulus waveforms.
- Clampfit software, for data analysis.
- AxoScope software, for background chart recording.

## Download Software

Download your software from the Molecular Devices website at [www.moleculardevices.com](http://www.moleculardevices.com). Go to **Service > Knowledge Base > Axon Conventional Electrophysiology > Downloads > pCLAMP 11**.

## Locate Setup Tutorial

The *Setting Up Clampex for Data Acquisition* tutorial PDF is included in the pCLAMP software installation directory along with additional user guides.

## Configuring MDC File Server



**Note:** The following procedure is for Advanced Analysis Clampfit software only, which includes the Batch Analysis functionality. To run Advanced Analysis Clampfit software, you must have the Advanced Analysis Clampfit software USB dongle installed on your computer.

The MDC File Server runs on Windows 7 and 10 computer operating systems. The computer it runs on requires enough hard drive space to store your data files. The storage location can be changed if it becomes full, and the database keeps track of data files in multiple storage locations. If you set a new storage location, keep the existing data storage location.

Before starting Clampfit software to run Batch Analysis the first time, you must first configure MDC File Server. MDC File Server is required for managing imported data. It runs quietly in the background while you use Batch Analysis. MDC File Server must be running for Clampfit software Batch Analysis to run.

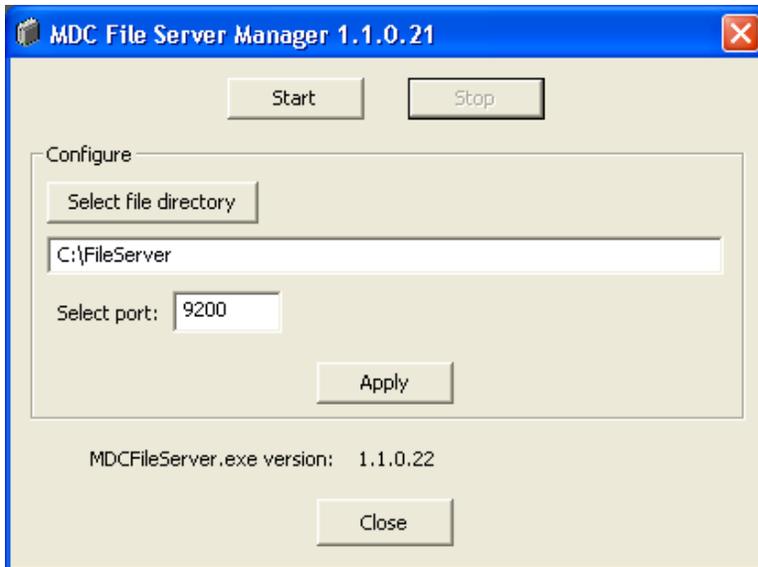
To configure MDC File Server:

1. After you install the pCLAMP software, open the **MDC File Server Manager** from **Start > All Programs > Molecular Devices > MDC File Server > MDC File Server**, right-click and select **Run as administrator**.

- In the **MDC File Server Manager** dialog, click **Select file directory** to open a **Browse** dialog to select the folder where you want to store data files.



**CAUTION!** If you select a computer other than the local one, you must have access permissions to the folder location at all times.

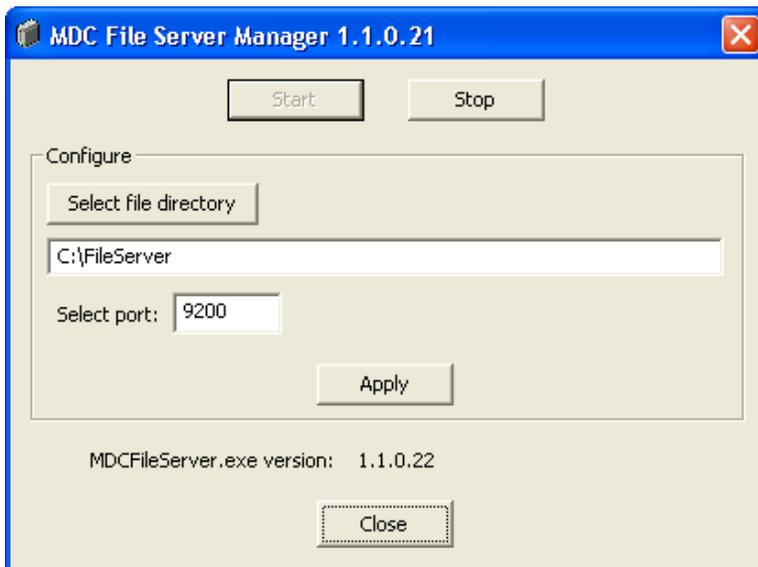


- Click **Create new folder**, type the name **FILESERVER**, and click **OK**.



**Tip:** You can name the new folder something other than **FILESERVER** if needed.

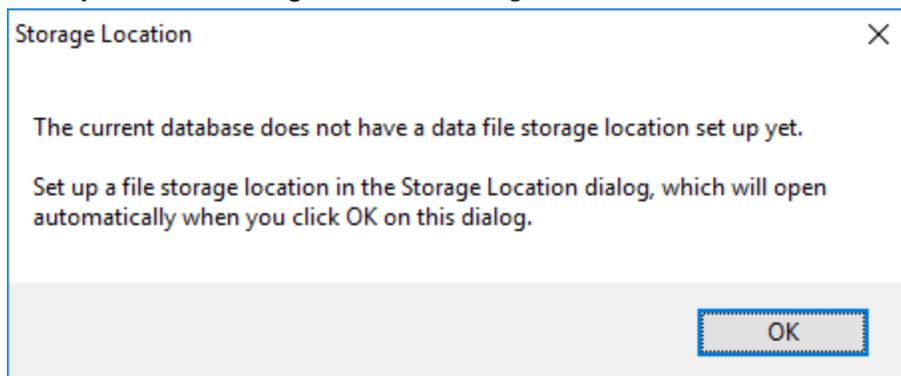
- In the **Select port** field, type **9200**, and click **Apply**.
- Click the **Start** button and wait for the **Start** button to disable.
- When the **Start** button is inactive, click **Close**.



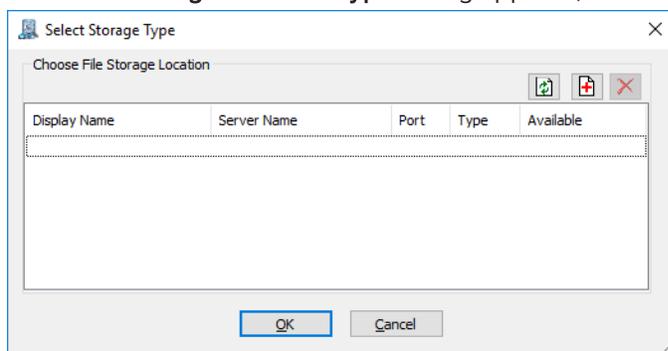
## Batch Analysis First Time Use Data Storage Configuration

The first time using the software, you must do the following to configure your data storage folder:

1. Ensure that your Clampfit software license key dongle is installed on the same computer that the software is installed.
2. Start Clampfit software.
3. Select **Batch Analysis > Run**.
4. When you see the **Storage Location** message, click **OK**.



5. When the **Storage Location Type** dialog appears, click the + (add) button.



6. In the **Create New File Storage** dialog, do the following:
  - a. In the **Display Name** field, type a name for your data file storage folder. See [Configuring MDC File Server on page 1](#).
  - b. In the **Server Name** field, verify that the name of your computer (local computer name) is correct.
  - c. In the **Port** field, leave the default setting as **9200**.
  - d. To finish, click **OK**.
7. In the **Storage Location Type** dialog, for your file storage entry, confirm that under the **Available** heading, **Yes** appears.
8. If needed to update **Available**, click **Refresh**.
9. To finish, select your file storage entry row and click **OK**.

### Contact Us

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