MULTIPLEX ASSAYS
Bio-Plex Manager™ MP Software Upgrade
Quick Guide

Installing Bio-Plex Manager MP

1 **Install xPONENT 4.2 (if not already installed).**

1. Use the CD that comes with the system or contact Bio-Rad Technical Support to obtain one.

2 **Check your xPONENT license.**

1. xPONENT must have the Automation license activated.

2. To verify Automation license activation, open xPONENT (leave user and password blank) and navigate to the Admin screen. Select **Licensing** from the Admin screen as indicated in Figure 1.

3. The Current License Agreements screen should have the indicated options activated (Figure 1). Bio-Plex Manager MP software requires the Automation license to be active (Full License) but will not work with active CFR or Security licenses.
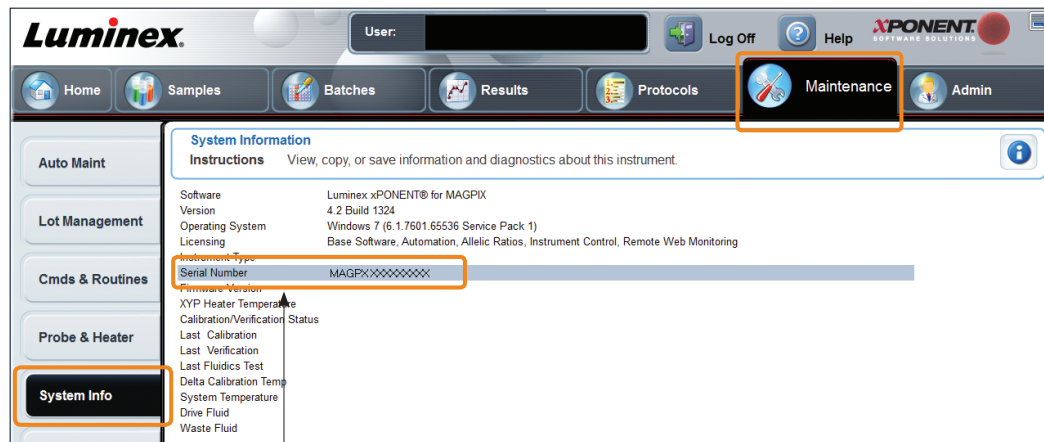

Activation code

Fig 1. Current license information on xPONENT software.

Current License Agreements:	Accepted
Licenses	Status
Base Software	Full License
LIS	Not Licensed
21 CFR Pat 11	Not Licensed
Automation	Full License
Security	Not Licensed
Allelic Ratios	Full License
Instrument Control (SN MAGPIX00000000)	Not Connected
Remote Web Monitoring	Full License

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③ Obtain correct xPONENT license.

1. Copy and paste the current activation code to a document (or e-mail). See Figure 1 for locating activation code.

2. Obtain your MAGPIX serial number. Navigate to the Maintenance screen and select **System Info** to obtain the serial number (Figure 2).

3. Send the current activation code and serial number to your local Bio-Rad Technical Support (Figure 2).

4. Bio-Rad will send you a new activation code, which will activate the Automation license.

Right click to copy serial number

Fig. 2. Locating xPONENT serial number.

Activate Bio-Plex Manager MP

① Obtain an activation code from the Bio-Plex Manager MP CD holder.

② Insert the Bio-Plex Manager MP software CD and install the software.

1. To install the software, Microsoft.NET will need to be active on your operating system. If it is not, it will be automatically installed. You will be required to restart your operating system to complete the installation of the Bio-Plex Manager MP software.
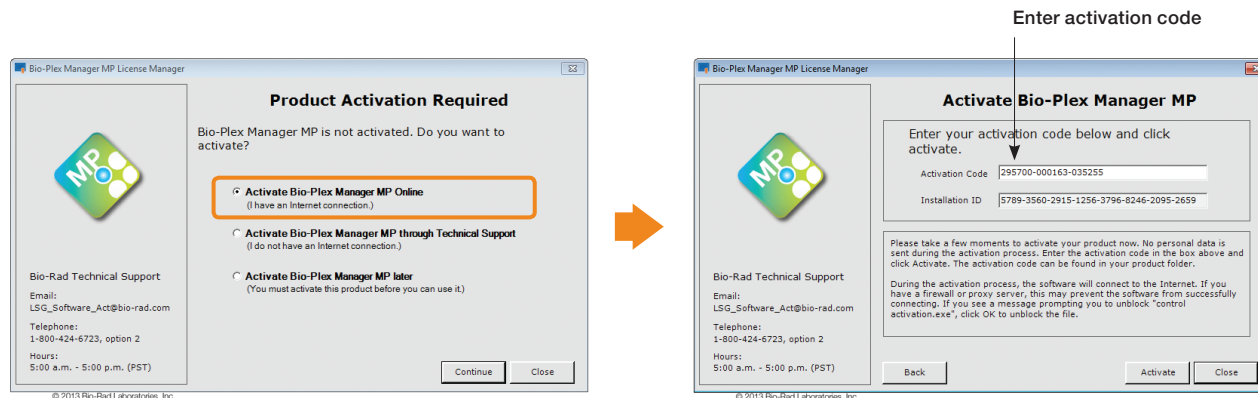
③ If you are connected to the Internet, simply enter the activation code when prompted (Figure 3).

Enter activation code

Fig. 3. Activating Bio-Plex Manager MP software via the Internet.

④ If you are not connected to the Internet, follow the instructions for activating through Bio-Rad Technical Support (Figure 4).

1. Choose **Activate Bio-Plex Manager MP through Technical Support**.

2. Choose **Send Credentials to Technical Support** and select **Continue**. Save the credentials.

3. Send saved file to Bio-Rad Technical Support.

4. When you receive the file from Technical Support, start the software again and import the file as shown in Figure 4.
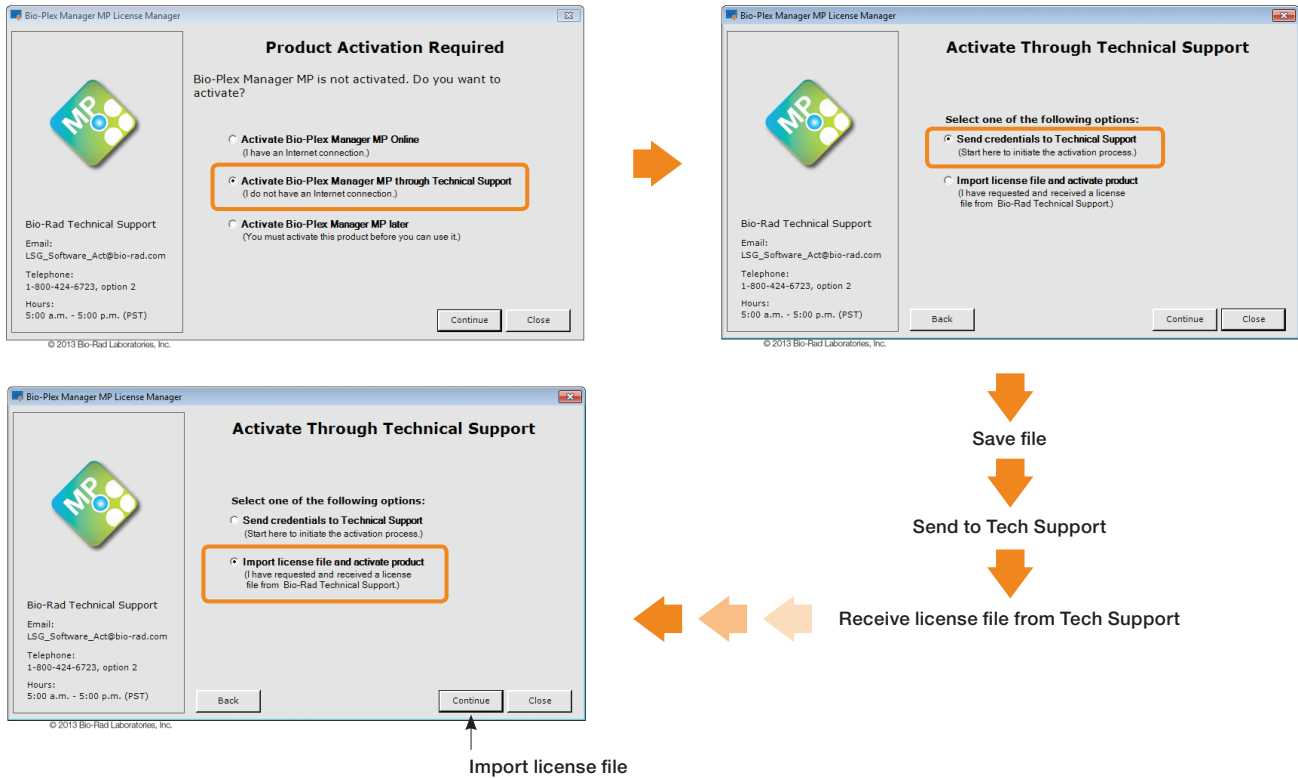

Fig. 4. Activating Bio-Plex Manager MP software through Bio-Rad Technical Support.

Setup Wizard

① On your first use of the software, the Setup MAGPIX Wizard will walk you through setup of the instrument.

Bio-Plex Manager MP Daily Workflow

1 Run Daily Start Up at the start of each day.

1. Navigate to the Maintenance screen (Figure 5).
2. Choose **Daily Start Up** routine.
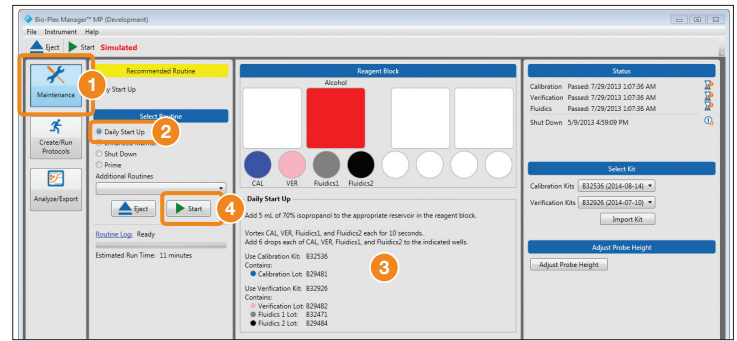3. Follow the Daily Start Up instructions.
4. Click **Start**.

Fig. 5. Daily startup instructions.

2 Create and run your protocols.

1. Navigate to the Create/Run Protocols screen (Figure 6).
2. Click **New** in the toolbar.
3. After clicking **New**, several options are available that allow selection of a new assay panel or management of already existing panels. Select the feature that best suits your needs. Click **OK** when finished.
4. Click **Start** in the toolbar.
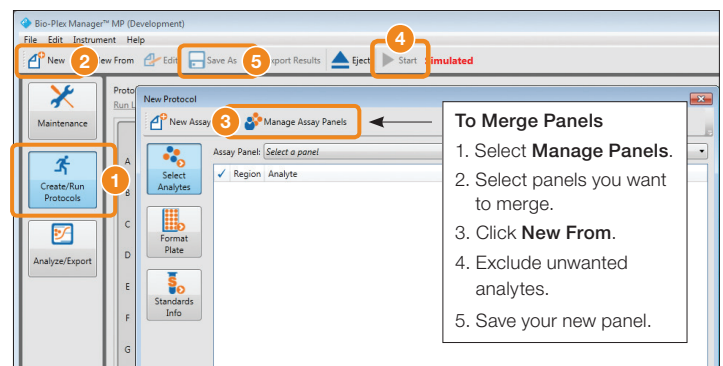5. Save the protocol (optional).

To Merge Panels
1. Select **Manage Panels**.
2. Select panels you want to merge.
3. Click **New From**.
4. Exclude unwanted analytes.
5. Save your new panel.

Fig. 6. Create or run existing protocols.

3 Analyze results by exporting to Bio-Plex Manager 6.1.

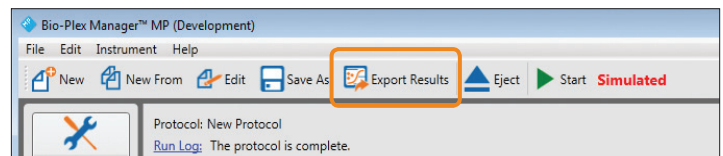1. Select **Export Results** from the toolbar (Figure 7).

Fig. 7. Export results to Bio-Plex Manager 6.1.

4 Run Shut Down at the end of each day.

1. Navigate to the Maintenance screen.
2. Select the **Shut Down** routine.
3. Follow the instructions in the application window.
4. Click **Start**.

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