Quick Setup Guide

Physical setup of recorder and essential system settings

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### Package Contents
- 4K MPX Security DVR
- Remote Control
- Power Adapter
- Ethernet Cable
- USB Mouse
- HDMI Cable

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### Dimensions
- **Height**: 10.2" / 255mm
- **Width**: 12.8" / 325mm
- **Depth**: 2.2" / 55mm

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### Setting Up Your Recorder

Follow the steps below to complete physical setup of your recorder.

**To set up your recorder:**

1. **STEP 1:** Connect cameras
2. **STEP 2:** Connect router
3. **STEP 3:** Connect mouse
4. **STEP 4:** Connect monitor
5. **STEP 5:** Connect power

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**Notes:**
- The extension cable must be a single stretch of cable between the recorder and camera. You cannot connect multiple extension cables to each other.
- This guide covers connecting cameras to your security recorder only. For full instructions on installing your cameras, please refer to your camera’s documentation at lorex.com.

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### Important Notes
- To receive automatic firmware updates and enable remote viewing with computer and mobile apps, a high-speed Internet connection is required (minimum 3.5Mbps upload speed). All other system features can be used without an Internet connection.
- To optimize picture quality, set the recorder’s video output to match the resolution of your monitor.

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### Overview of extra ports:

**Audio In/Out**
- Connect microphone / speaker

**RS485**
- Connect Pan-Tilt-Zoom (PTZ) cameras

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**Back panels shown below are for illustration only. Your recorder’s back panel may appear different, with all the same ports in different locations.**

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**Need Help?**

Visit us online for up-to-date software and complete instruction manuals:

1. Visit lorex.com
2. Search for the model number of your product
3. Click on your product in the search results
4. Click on the Downloads tab

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Once you have completed the physical setup of your recorder, follow the steps below to configure essential system settings.

STEP 1: Creating a New Password
When using your system for the first time, you will be prompted to create a new 6 character password.

To create a new password:
1. Connect your system according to the instructions on the front of this guide.
2. When the recorder turns on, create and confirm your new, secure password. This password will be used to connect to your system from now on.

Record your password below and store in a secure place:

STEP 2: Firmware Update
This system features automatic firmware upgrades for enhanced functionality. It is required to upgrade your system to the latest firmware version.

To upgrade firmware:
1. After startup, a notification will appear asking you to upgrade the firmware if a newer version is available. Click OK to upgrade.
2. The system will download and install the firmware update. Wait for the firmware update to complete. The system may restart during the firmware upgrade process.

IMPORTANT: Do not power off the recorder or disconnect the power cable during firmware installation.

STEP 3: Setting Date and Time
It is important to set the correct date to ensure accurate time stamps on recordings.

To set date and time:
1. In live view, right-click and click Main Menu.
2. Log in using the system user name (default: admin) and your new, secure password.
3. Click and select Setting.
4. Click General and select the Date & Time tab.
   a. Enter the current time and select your time zone, and click OK.
   b. Check DST to enable automatic Daylight Savings Time updates.
   c. (Optional) Check NTP to sync your system with an Internet time server. Click Manual Update to instantly update the time.

NOTE: A constant Internet connection is required to use NTP.

5. Click Apply to save changes.

STEP 4: Configuring Deterrence Settings
Set preferences for the automatic warning light triggering on compatible Lorex deterrence cameras. For a complete list of compatible deterrence cameras, see [ Lorex.com/compatibility ].

To configure automatic deterrence using DVR:
1. In live view, right-click and click Main Menu.
2. Log in using the system user name (default: admin) and your new, secure password.
3. Click and select Setting.
4. Click Event > Motion > Deterrence (see Figure 1).
5. Select the channel of the deterrence camera to configure next to Camera.
6. Click the Enable checkbox to enable automatic warning light deterrence.
7. Click Setup next to Area to set the active area for automatic deterrence:
   a. The camera image appears with a grid of green boxes over it. The green area is the active area for deterrence.
   b. Click or click-end-drag to add / remove boxes from the active area.
   c. In Figure 2, only motion around the doorway will trigger warning light.
   d. Right-click when finished.
8. Click Setup next to Schedule to set a schedule during which automatic deterrence will be used:
   a. The default schedule is active during the right, between 6pm and 7am.
   b. Right-click when finished.
9. Click Warning Light to set preferences for the warning light:
   a. Enter the time for the white light to be active up to 30 seconds.
   b. Select Warning Light for sustained light or Strobe for a flashing light.
   c. Click OK to save and exit.
10. Click Apply to save changes.

To activate deterrence features manually:
   a. Press and hold ESC on the front panel for 5 seconds. Warning lights and sirens will be activated for all connected deterrence cameras.
   b. From live display, hover near the top of a channel to reveal the Mini Menu. Click to activate warning light, or click to activate sirens.

STEP 5: Reference: Using the Quick Menu
Right-click anywhere on the live viewing screen to open the Quick Menu.

Reference: Using the Mouse

1. LEFT-CLICK:
   • During split-screen display mode: Click an individual channel to view it in full-screen. Click again to return to the split-screen display mode.
   • While navigating menus: Click to open a menu option.
2. RIGHT-CLICK:
   • During live view: Right-click anywhere on the screen to open the Quick Menu.
   • While navigating menus: Right-click to exit menus.
3. SCROLL WHEEL:
   • During live view: Use the scroll wheel to zoom in / out.
   NOTE: In live view, hover the mouse cursor over the top of the screen to open the Navigation Bar. Move the mouse cursor away from the top of the screen to close the Navigation Bar.

Reference: Quick Access to System Information
To quickly open a window that displays vital system information such as device ID, model number, firmware version, and IP address:

Press the ENTER button on the front panel.

OR

• Right-click to open the Quick Menu and click Info. If prompted, enter the system user name (default: admin) and your new, secure password.

Reference: Playback and Search
Search through and play back recordings from the hard drive.

To search for and play back recordings:
1. From live view, right-click and then click Playback.
2. Log in using the system user name (default: admin) and your new, secure password.
3. Configure the following:
   a. Use the calendar on the right to select the date to playback.
   b. Use the drop-down menus to select the channels you would like to playback.
   c. Click the display options to playback multiple channels simultaneously.
   d. Click inside the video bar to select the playback time. Playback starts immediately at the selected time.

Reference: Backup
Back up recordings from the hard drive to a USB flash drive (not included).

To back up recordings:
1. Insert a USB flash drive (not included) into a free USB port on the recorder.
2. From live view, right-click and then click Main Menu.
3. Log in using the system user name (default: admin) and your new, secure password.
4. Click then click BACKUP.
5. Configure the following:
   a. Select the type and quality of recordings to search for.
   b. Select the channel(s) to search by.
   c. Select a start and end time for your search.
   d. Choose a file format for your backed up files.
   e. Click Add to see recordings that match your search.
   f. Click Check boxes next to recordings you want to back up, then click Start. You may also click Onekey Backup to back up all files that match your search.