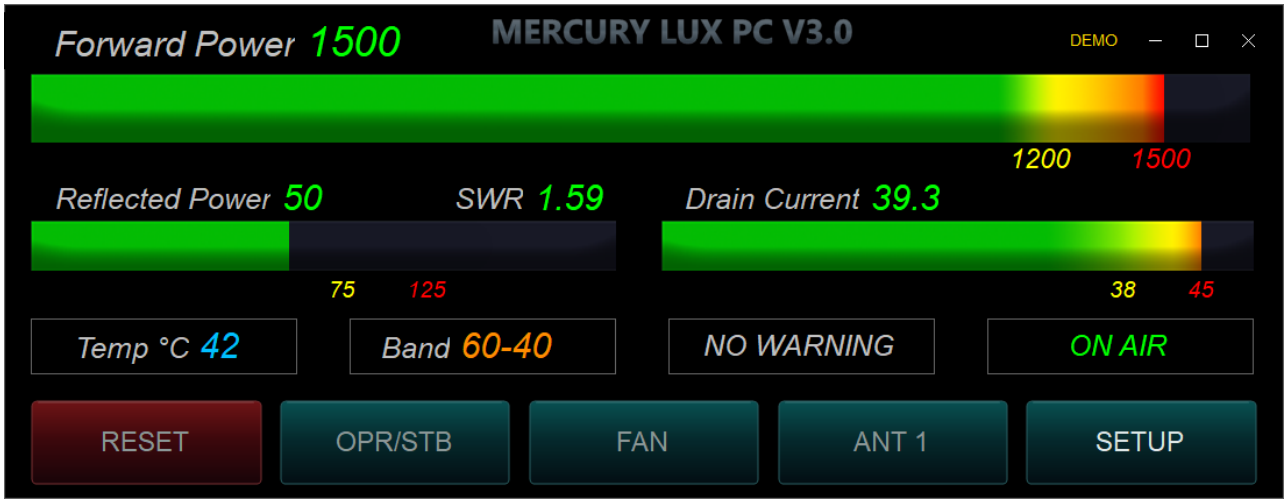
MERCURY LUX PC

USER MANUAL | VERSION 3.0

Your Mercury LUX, right at your fingertips. Monitor essential amplifier readings and manage supported controls from your Windows computer, whether you are operating beside the station or connecting from another location.



Main Bars view. Displayed values are simulated using the built-in Demo mode.

One application. Two ways to connect.

Local USB	Remote access
Connect your amplifier directly to a Windows PC. Local monitoring and control are free and require no account.	Use a second Windows PC over the Internet, with the station PC sharing its USB-connected amplifier. Remote access requires active account time.

This guide covers the Mercury LUX PC application. Always consult the amplifier operating manual for RF limits, alarms, and corrective action.

01 Get connected

Begin with a direct USB connection. Once live readings are available, you can explore the display and configure the software for your station.

What you need

A Windows 10 or Windows 11 PC with Mercury LUX PC installed; a powered-on Mercury LUX amplifier; and a USB **data** cable (not a charge-only cable).

Connect in four steps

1. Power on the amplifier and connect it to the PC with the USB data cable.

2. Launch Mercury LUX PC and open **SETUP**.

3. Under **Station COM port**, select the port associated with your amplifier, then choose **OK**. The COM number varies by computer.

4. Leave **Demo** off. When actual readings appear instead of NO DATA or dashes, the connection is ready.

How to recognize a successful connection

The main display shows available amplifier measurements and status. Controls become available when valid readings are received and the amplifier is not transmitting.

Good to know: USB operation does not require an account, an Internet connection, or a subscription.

02 Know your main display

Keep the information that matters most in view: RF power, operating conditions, and amplifier status.

Indicator	What it tells you
Forward / Reflected Power	Measured forward and reflected RF power.
SWR	Standing-wave ratio reported by the amplifier.
Drain Current / Temperature	Amplifier drain current and temperature.
Band / Warnings / TX	Operating-band information, warning status, and transmit state.

Controls at a glance

Control	Purpose
OPR / STB	Switch between operate and standby.
FAN	Choose automatic fan control or maximum fan operation.
ANT	Cycle antenna selections; the button displays the current selection.
RESET	Reset an amplifier alarm only after the underlying cause has been corrected.
SETUP	Open connection, display, and remote-access settings.

For safe RF operation and alarm diagnosis, follow the amplifier manual. Software controls may be unavailable while transmitting or when live data is missing.

03 Make the display your own

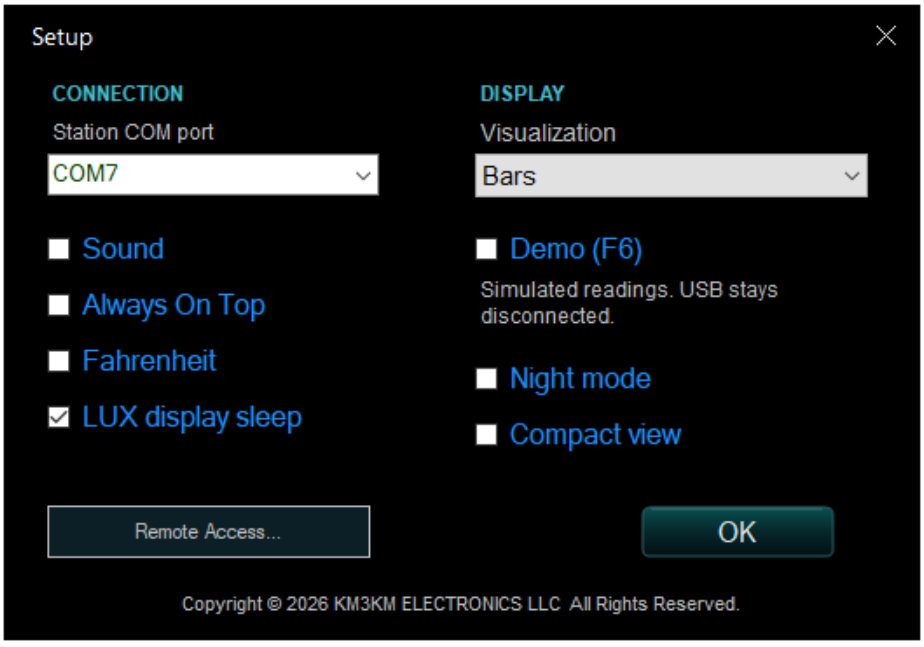
Mercury LUX PC offers different ways to view amplifier activity. Choose the presentation that best fits how you operate.

Visualization modes

View	Experience
Bars	Clear power and current bars for everyday monitoring.
Analog VU	Classic needle-style meter presentation.
SSB Monitor	Recent power history with peak and average readings.
Compact view	A smaller application window; select FULL VIEW to return to the full layout.

Personalize your station

Open **SETUP** to choose your preferred display and application options. Select **OK** to save your changes.



SETUP window. COM7 is an example port number, not a required setting.

04 Settings and preferences

Fine-tune the application for comfortable operation, from daytime monitoring to a quieter, less distracting station at night.

Setting	What it does
Night mode	Switches to a red night palette. In day mode, clicking a bar or meter face changes its theme.
Sound	Enables or disables application sounds.
Always On Top	Keeps the Mercury window visible above other windows.
Fahrenheit	Displays temperature in Fahrenheit instead of Celsius.
Demo (F6)	Lets you explore the interface without hardware. Readings are simulated and amplifier commands are disabled.
LUX display sleep	Turns the amplifier display OFF during receive and ON during transmission, then OFF again afterward. Configure on the USB-connected PC; compatible LUX firmware is required. The preference is restored after USB reconnection.

A layout that remembers you

Drag the main window by an edge or corner to resize it. The software remembers its size and position. Use Compact view when you want to keep the amplifier visible without occupying the full screen.

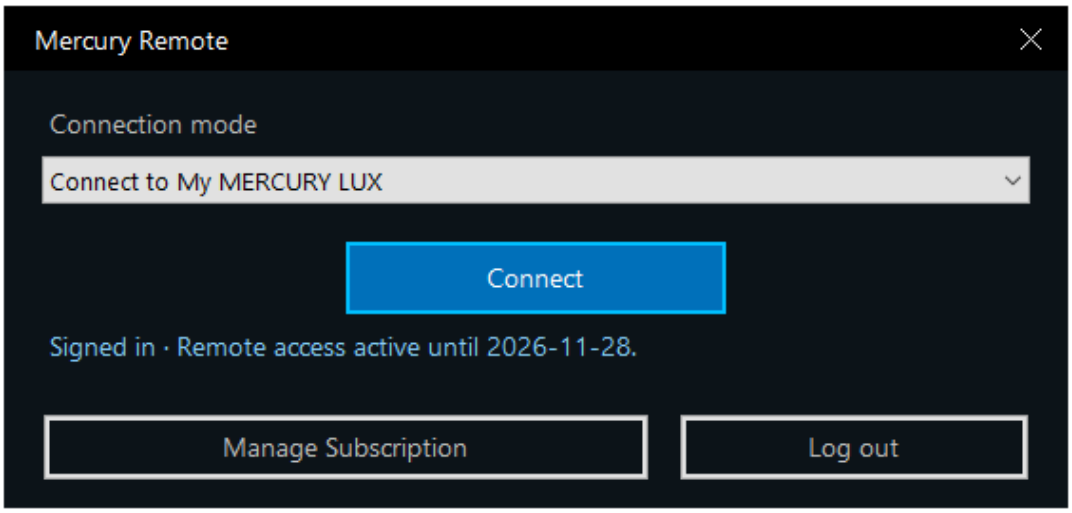
Tip: Turn Demo off before connecting for live operation; simulated readings are not amplifier measurements.

05 Remote access: start at the station

Your Mercury LUX can be monitored and controlled from another Windows computer without manual IP configuration or router port forwarding. First, prepare the computer physically connected to the amplifier.

Step 1 — Share My MERCURY LUX

On the **amplifier PC**, confirm that the USB connection is active and live readings are visible. Open **SETUP > Remote Access...**, sign in to your account, select **Share My MERCURY LUX**, then choose **Connect**.



Amplifier computer: select Share My MERCURY LUX first. Account dates shown are examples.

Keep your station available

Leave Mercury LUX PC running, the amplifier connected by USB, and the station PC awake and online. The remote computer can connect only while this sharing connection remains available.

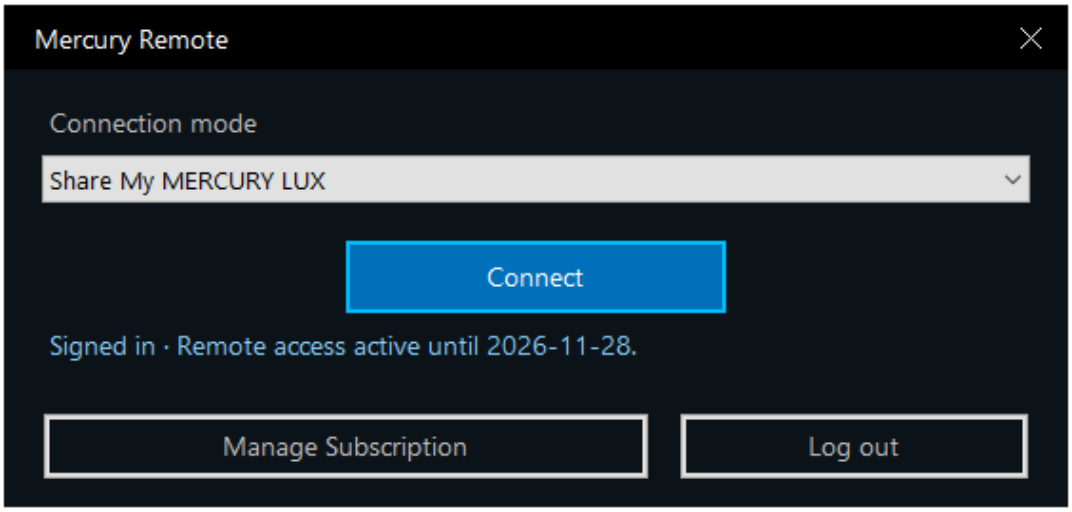
Both computers must use the same account, and remote access requires active time. Creating an account alone does not activate remote access.

06 Remote access: connect from anywhere

Once the station computer is sharing the amplifier, the second computer can access its available monitoring and control functions.

Step 2 — Connect to My MERCURY LUX

On the **remote PC**, install Mercury LUX PC, connect to the Internet, and sign in with the same account used at the station. Open **SETUP > Remote Access...**, choose **Connect to My MERCURY LUX**, and select **Connect**.



Remote computer: select Connect to My MERCURY LUX after station sharing is active.

What you can expect

When readings appear, use the main window to monitor and control the amplifier remotely. The connection carries monitoring and control data only; **radio audio is not included**.

For local operation, select **USB Only > Connect**. **Log out** signs that computer out of the account. No subscription is needed for USB-only use.

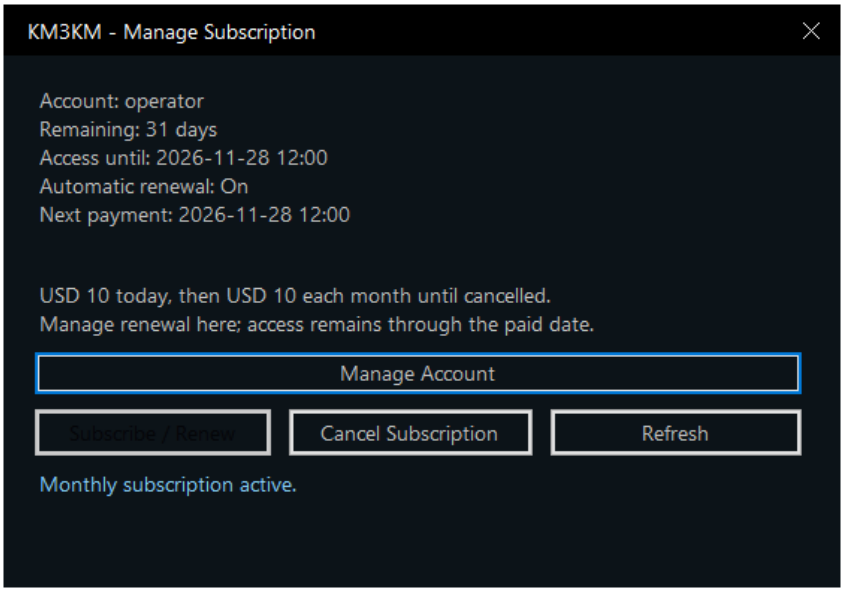
07 Account and subscription

Set up your remote-access account once, then manage your access and billing information from the application.

Sign in or subscribe

Open **SETUP > Remote Access...**. Existing users enter their username and password and select **LOGIN**. New users select **Subscribe**, provide account details and a recovery email, and complete checkout in the browser.

Remote access: USD 10 per month, automatically renewed until canceled. Review the first charge date at checkout. Free remote-access time may also be granted by KM3KM.



Manage Subscription. Account and payment dates shown are examples.

Option	Action
Manage Subscription	Review access expiration, renewal status and next payment date. Use Refresh to update the status.
Cancel Subscription	Stop future automatic charges; remaining paid access lasts until the displayed date.
Manage Account	Update call sign, change password or verify a new recovery email.

08 Help when you need it

Most connection problems can be resolved by checking the USB connection, selected mode, or account status before making further changes.

What you see	What to check
NO DATA or dashes	Amplifier power, USB data cable, Station COM port, and Demo off.
Amplifier absent from COM list	Try another USB port and data cable, reconnect, then reopen SETUP.
Amplifier alarm	Correct the cause using the amplifier manual before pressing RESET.
Remote access will not connect	Same account on both PCs, active remote time, Internet access, and station PC awake with live USB readings and Share mode connected.
Payment pending	Do not pay again. Open Manage Subscription and select Refresh.
Password forgotten	Select Forgot password?, enter username and registered recovery email, and follow the email reset link. Check spam or junk.

We are here to help

If you still need assistance, email **km3kmcontact@gmail.com**. Include your username (when relevant), a screenshot, and a short description of what happened. This helps support identify the issue more efficiently.

Mercury LUX PC is designed to make amplifier monitoring more convenient, whether your station is within reach or across the Internet. For RF operating limits and protection procedures, always refer to your Mercury LUX amplifier manual.