



MLX770 Iridium Datalink Transceiver Pilot Guide



Thank you for purchasing the Avidyne MLX770 Worldwide Datalink Transceiver.

MLX770 FEATURES

The MLX770 Datalink Transceiver communicates with the Avidyne Network Operations Center (NOC) over the worldwide Iridium satellite network and provides weather data and text messaging to compatible displays. Weather products and services will vary from one region of the world to another. Certain features may not be available on all displays. Refer to the pilot guide for your display to learn about the MLX770 features supported on that display.

Avidyne plans to add new features, such as additional weather products and text services, to the NOC on a continual basis. These features will then be available via the MLX770 transceiver to the display.

NOTE: SMS Messaging over the Iridium satellite network is most reliable when sending messages to an e-mail address. Because of interoperability issues between Iridium and certain mobile phone service carriers, SMS messages from the MLX770 to phone numbers may be delayed or may never arrive. Avidyne makes no claims as to the reliability of the SMS text messaging function.

NOTE TO CUSTOMERS IN EUROPE: If text messaging is available on your display, EASA requires that the text messaging feature not be used by the pilot flying.



GENERAL SAFETY CAUTIONS

The weather data received and displayed on moving maps from the MLX770 receiver is only advisory in nature. Do not rely on the MLX770 Iridium Datalink Transceiver as the sole source of weather avoidance information. Always obtain a thorough weather briefing from an officially recognized source.

Due to datalink weather transmission delays, use datalink weather information only for strategic route planning. Avoid severe weather areas with a safe margin of distance. Do not use MLX770 Iridium Datalink Transceiver to penetrate severe weather, thunderstorms, cells, or lines of cells. By using datalink, you can access weather information made available from sources external to Avidyne Corporation. Avidyne does not control, edit or review the content of such information and is not responsible for such information or the actions or conduct of any company that provides sources of weather data through the datalink. Therefore, ALL WEATHER DATA IS PROVIDED AS-IS and neither Avidyne nor its suppliers, subcontractors, or developers (collectively called "Suppliers") are responsible for: 1) the accuracy, completeness, timeliness, reliability, content, or availability of the weather data or any other datalink information accessed; 2) loss or damage to your records or data; or 3) your use of, or results achieved from, the weather data or any other information accessed.

US NOTAM information is subject to constant change, and it is extremely important that all US pilots check with Flight Service for applicable NOTAMS prior to EVERY flight. Call 1-800-WXBRIEF (992-7433) for the latest information. Outside the United States, call your local flight service or other official flight advisory service. The NOTAM information provided by the MLX770 Iridium Datalink Transceiver is for planning purposes only. Always consult official NOTAMS for the latest restrictions.

Avidyne does not provide a complete list of NOTAMS. Local NOTAMS, most laser light NOTAMS, and any NOTAMS other than restricted airspace are not listed. By using the Avidyne Services you are able to access information made available from a variety of sources. Avidyne does not control, edit or review the content of such information and is not responsible for such information or the actions or conduct of any company that provides sources of weather data procured by Avidyne. Therefore, although Avidyne uses diligent efforts to provide Services of high quality, ALL SERVICES AND WEATHER DATA ARE PROVIDED AS-IS and neither Avidyne nor its suppliers (including WSI, Iridium and any of their affiliates), subcontractors, information sources or developers (collectively called "Suppliers") are responsible for: 1) the accuracy, completeness, timeliness, reliability, content, or availability of the Services or any information accessed; 2) loss or damage to your records or data; or 3) your use of, or results achieved from, the Services or any information accessed.



FCC WARNINGS / GENERAL PRECAUTIONS

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in this Pilots Guide. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE: This equipment has been tested and found to comply with Part 15 of the FCC Rules. These rules are designed to provide reasonable protection against harmful interference. This equipment may cause harmful interference to radio communications if it is not installed and used in accordance with these instructions. However, there is no guarantee that interference will not occur in a particular installation.

The Avidyne MLX770 contains an Iridium 9522A, which is certified under 47 CFR Part 25 as FCC ID:Q639522AC. It also complies with Parts 2 and 15 of the FCC regulations.

Avidyne disclaims all liability for hearing loss, bodily injury or property damage as a result of the use or misuse of this product.



GENERAL SAFETY WARNINGS

Do not open, disassemble, or alter the units in any way. Doing so may result in fire, electric shock or product damage.

DATALINK ACTIVATION

To activate your MLX account you will need:

- Access to a computer with an internet connection.
- Customer kit provided to you by your dealer listing your product serial number or access to the datalink setup page on your MFD.
- A valid credit card for billing purposes.

If you have an existing account on MyAvidyne.com, please logon. If not, create a new account.

Create A New Account

- Visit www.MyAvidyne.com.
- Click on Enroll Now.
 - Create username and password
- Enter security question, continue enrollment
 - Enter contact information
 - Enter aircraft information
- Select MLX770, enter serial number
- Proceed to the Activate Datalink Service section on the next page.

NOTE: You will be required to enter the serial number for all equipment selected. If you do not know the serial number for your other Avidyne equipment, do not select it.

Lagon to An Existing Account

- 01 Visit www.MyAvidyne.com.
- 02 Enter username and password and log in.
- 03 From the MyAvidyne Welcome page, choose “Account” then “Account Info.”
- 04 From the Account Info Page, click on “Add Additional Units.”
- 05 From the Select Unit Type Page, Select MLX770
- 06 Enter your 10-digit MLX770 serial number, which can be found in the Customer kit provided by your service center or from the Datalink Setup Page on your MFD. Click, “Register Units.”

Activate Datalink Service

- 07 In the lower right corner of the Welcome Page, click on “Activate Datalink.”
- 08 From the Activate Datalink Service Page, click on “MLX.”
- 09 From the Select Datalink Plan Page, choose the Standard Datalink Plan. Click on “Select Datalink Plan.”
- 10 From the Enter Payment Info Page, enter your credit card information. Click on “Submit Information.”
- 11 From the Confirmation Page, you can Log off or add the Premium Weather Data Package by clicking “Add Premium Weather.” The Premium Weather Data Package includes radar data and potentially other premium weather data products, depending on your region.
- 12 On the Premium Weather Data Package page, select the region or regions in which you desire service. Avidyne will continually add new regions and weather products.
- 13 Verify all user information is correct. This information will be sent to WSI to activate the premium weather data on your MLX770.
- 14 Select “Confirm Premium Weather Data Package.”
- 15 From the Confirmation Page choose “Log off”.

NOTE: Your monthly bill will include both the Standard plan charge plus the charge for the Premium Weather Data Package. In addition to these fixed monthly fees, there will be a variable charge based on usage. Usage charges are determined based on number of weather updates received per month. You can reduce the number of updates per hour of flight time by selecting a rate other than “maximum” on the Datalink Setup page on the MFD. There is also a fixed fee for each text message.

AVIDYNE EXCLUSIVE LIMITED WARRANTY and LIMITATIONS ON LIABILITY

Avidyne warrants the Product manufactured by it against defects in material and workmanship for a period of twenty-four (24) months from delivery. If Avidyne's Product fails to conform to this warranty, Avidyne, in its sole discretion, will either repair or replace the Product or provide a refund of the purchase price paid for the Product. This warranty is made upon the express conditions that:

- (a) Avidyne is given prompt written notice of any claimed non-conformity in the Product, with a reasonable explanation thereof;
- (b) The Product is returned to Avidyne or to an Avidyne authorized service facility;
- (c) The Product has not been altered in any manner other than as previously authorized by Avidyne in writing; and
- (d) Repairs to the Product have not been made by anyone other than Avidyne or an Avidyne authorized service facility. This warranty does not apply to any Product which is not installed, maintained and operated in accordance with Avidyne's written instructions or which is otherwise misused, including, without limitation, to any Product which is damaged due to improper installation, maintenance or operation, tampering, alteration of serial numbers or other manufacturers data, lightning or other electrical source, or otherwise. If warranty protection is applicable to the Product, Avidyne will use reasonable efforts to repair or replace Product within ten (10) business days of its receipt of the Product. Any Product that has been repaired by Avidyne or replaced by Avidyne under this warranty will be subject to remainder of the original warranty term applicable to the repaired or replaced Product or will be warranted under the warranty terms above for ninety days from the date of repair or replacement, whichever period is longer.

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