

# MultiLink™

Multi-channel datalink in your aircraft.

Avidyne's innovative new *MultiLink* technology brings multi-channel datalink communications capability to the flight deck of general aviation aircraft.

#### *MultiLink* provides:

- Access to Datalink weather & TFRs in the aircraft including:
  - NEXRAD Weather
  - Graphical METARs
  - Plain-English Text METARs
  - AIRMETs
  - SIGMETs
  - TFRs
  - Datalink Lightning
- Access to FlightCenter Services such as:
  - Two-way Text Messaging
  - Flight Tracking

# FlightMax EX500



#### *Multilink™* Sets the New Standard

Avidyne's new *MultiLink* capability allows the operation of Avidyne's Narrowcast and XM's Broadcast weather individually or together as complementary systems. Avidyne is the only company to offer certified multiple, complementary satellite datalink capabilities, and it is available exclusively on the FlightMax EX500 and EX5000 MFDs.

Avidyne's *MultiLink* customers have the ability to receive the faster update rates of graphical weather products over the XM broadcast system and the lower-cost, two-way communication capability of the narrowcast system for such features as air-to-ground messaging and position reporting.

#### Choose the Right Datalink for You

**MultiLink** - Avidyne's exclusive *MultiLink™* technology seamlessly integrates broadcast and two-way datalink capability for the most advanced and easiest-to-use datalink system you can get. With *MultiLink*, your FlightMax EX500

displays aviation weather at the high-speed update rates of the XM broadcast system, with the added benefit of the lower-cost, two-way datalink capability. *MultiLink* allows the operation of Avidyne's Narrowcast and XM's Broadcast weather individually or together as complementary systems, providing you with the best of both services.

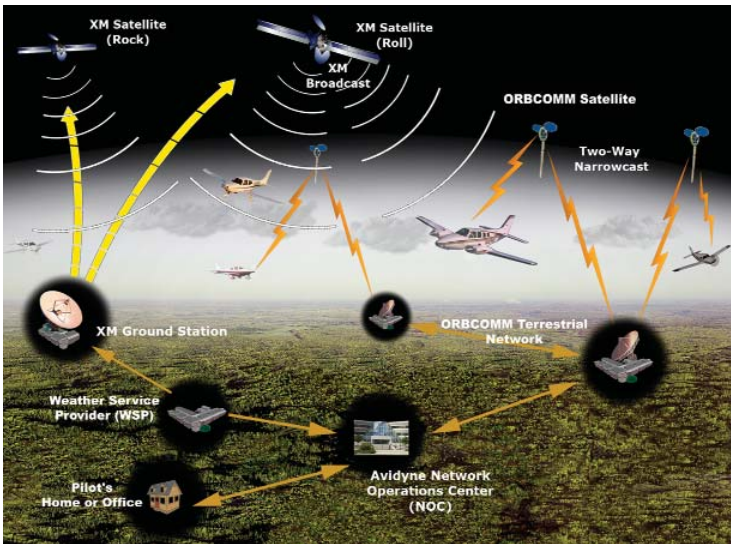
**XM Datalink** - The XM WX Satellite Weather service gives pilots comprehensive, graphical information about weather conditions all across the United States. The service delivers critical, real-time information for pilots including NEXRAD Radar in high resolution, full-color graphical format, overlaid on the EX500's industry-leading moving map. XM also provides graphical and plain-English textual METARs, AIRMETs, SIGMETs, TFRs, and lightning strikes from the National Lightning Detection Network®. The EX500 supports the XM WX datalink receiver for *MutiLink* or as a stand-alone datalink source.

**Narrowcast Datalink** - Avidyne's integrated Narrowcast datalink system provides the best cost/performance value in a datalink solution for general aviation. Using the ORBCOMM satellite network, the EX500 provides route-specific weather with pay-as-you-go service plans that make it the most affordable datalink solution available. Narrowcast has the added advantage of Canadian and Caribbean (Non-CONUS) coverage. Customers who only fly a few hours per month or a couple months per year can choose to only use the Narrowcast datalink and they only pay for datalink when they fly, because Narrowcast doesn't require a monthly subscription fee.

Whether you choose to use the low-cost Narrowcast system, the high-speed XM solution, or the advanced technology of *MultiLink*, the EX500 delivers datalink benefits you simply can not get with any other system.



MultiLink brings multiple channels of datalink to your aircraft.



The two-way Narrowcast transceiver is built into every EX500. For high-speed broadcast datalink, the FlightMax EX500 interfaces with the Heads Up Technology ([www.heads-up.com](http://www.heads-up.com)) XMD-076 XM Datalink Receiver.

Text Messaging



Avidyne's MultiLink two-way Text Messaging capability allows the pilot to send and receive messages between the EX500 and the Avidyne FlightCenter on the MyAvidyne.com website. Designated persons on the ground have the ability to send and receive text messages to and from the MultiLink-equipped aircraft, providing timely communication of such items as arrival time, itinerary changes, or flight plan deviations.

Messages downlinked from the satellite are shown in green with a Down arrow. Messages uplinked to the satellite from the EX500 are shown in white with an up arrow. Pending message arrows are -hollow. Once they are confirmed as sent, they turn solid. The cyan (blue) messages are Service Messages from the FlightCenter which provide data about your destination including fuel pricing or other information you may have requested.

Narrowcast/ Multilink WX Service and Pricing for the FlightMax EX500

Avidyne offers two datalink subscriptions based upon your flying needs. To activate your Narrowcast or Multilink subscription, simply register your FlightMax EX500 and activate your datalink account at [www.MyAvidyne.com](http://www.MyAvidyne.com). For Multilink, you will also need to activate your XM subscription through XM (see below).

Narrowcast/Multilink WX Package Name:	Standard	Unlimited
Subscription Pricing	\$0.09 per MU*	\$600/year
One-Time Activation Fee	\$99	\$99
Description:	Recommended for customers flying with Narrowcast datalink only for less than 150 hours per year or customers flying with Multilink primarily within the continental United States.	Recommended for customers flying with Narrowcast datalink only for more than 150 hours per year or customers flying with Multilink outside of the continental United States** more than 150 hours per year.

\* MU is a message unit. The number of MUs used in a datalink transmission varies depending on a variety of factors. At factory settings, typical usage is 55-60 MUs per flight hour.  
\*\* Currently Narrowcast coverage outside of the Continental US includes southern Canada, Mexico and the Caribbean,

XM WX Service and Pricing for the FlightMax EX500

XM WX service packages are designed to meet a broad or specialized weather monitoring need at affordable prices. Activation of an XM WX subscription is easily achieved by calling the XM WX Listener Care at 1-800-985-9200 and selecting option number two for activation. Be sure to mention the specific XM subscription by name.

XM WX Package Name:	Aviator LT	Aviator
Subscription Pricing (monthly)	\$29.99	\$49.99
One-Time Activation Fee	\$75	\$75
XM WX Specifications:	Aviator LT	Aviator
High Resolution NEXRAD	X	X
TFRs	X	X
METARs	X	X
AIRMETs		X
SIGMETs		X
Lightning		X



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