INTEGRA

YOUR GLASS COCKPIT SOLUTION

TL ELEKTRONIC Inc.

EFIS TL-6524

EMS TL-6724
Ready for 912iS, verified by Rotax!

EFIS/EMS TL-6624

EFIS/EMS REMOTE DISPLAY TL-6824

General Information

Integra is a multifunctional system with 7 inch display that monitors your flight and engine. **TL-6524 EFIS** integrates all primary flight instruments (Altimeter, Vertical Speed Indicator, Air Speed Indicator, Compass, Accelerometer, Chronometer, Turn-indicator with Inclinometer, Angle of Attack Indicator, internal air temperature, external air temperature, etc.). The EFIS Integra also includes navigation systems (HSI, CDI with connection to the popular Garmin SL-30 and many others) and worldwide 3-D terrain maps. **TL-6724 EMS** integrates all primary engine instruments (RPM, Fuel Flow Pressure Indicator, Exhaust Temperature Indicator, Cylinder Head Temperature Indicator, Oil and Water Temperature Indicator, Fuel Level Indicator, Fuel Pressure Indicator, Voltmeter, Ampere Meter, Timer, Internal Air Temperature Indicator, External Air Temperature Indicator, etc.). The EMS Integra is designed for use with all engine makes and models. In cooperation with BRP Powertrain we prepared our glass cockpit EMS Integra TL-6724 for connection to the new engine Rotax 912iS. Now you can have verified solution! **TL-6624 EFIS&EMS Integra** integrates all the features of **TL-6524** and **TL-6724** described above.

The new enlarged display screen of the **EFIS & EMS** provides a wide visual angle, bright colours and good display readability even in direct sunlight. Proven high-tech components used in the Integra ensure comfortable, easy control. The EFIS & EMS have a number of unprecedented features – fully ambidextrous controls, the ability to play your favourite music on a flash drive through the front panel USB port and a vivid, full colour 3D terrain display. It also has a well-arranged screen, on which genuine analogue instruments are displayed. It incorporates a three-axis autopilot, sends voice warnings directly to the pilot's headphones and monitors the engine by constantly checking on all measured values. A history of recorded flight & engine values can also be downloaded onto a flash drive or directly onto a PC through the USB port.

Remote Integra Display TL-6824 is designed for displaying all values measured by **TL-6524**, **TL-6624** and **TL-6724**. Remote Integra Display can provide information to the co-pilot or to inform other crew members. The low-profile of the **TL-6824** allows it to be installed into seat backs and by giving passengers flight information and the ability to watch films or listen to music stored on a flash drive, it enriches their flight experience.

Integra in comparison with other glass cockpit instruments:

General:
- high brightness 7 inch display included in the basic price
- easy control turning knobs
- built-in MP3 music player
- built-in MPEG4 movie player to entertain your passengers
- 3D terrain maps

Further advantages:
- Language mutation in english, czech, russian, french, german, italien, spanish and portuguese language.
- Connect cameras to be view on the Integra display, e.g. like a rear view mirror.
- Ability to communicate without direct connection to a PC - via flash drive, on which you can download your MP3 music, firmware update or save history of both flight and engine measured parameters, etc.

Autopilot:
- Autopilot servos include proportional electromagnetic clutch (no driving resistance while the autopilot is off and possibility of continuous setting slip directly from the Integra)
- No other external operating equipment for controlling the autopilot needed

Integra on your computer
- Integra's PC Demo includes all the features of the real Integra glass cockpit instruments.
- Enables you to learn how to control the Integra in the comfort and safety of your home on your PC.

Your EMS 912iS solution!

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Now you can have verified solution!

Variation A

TL-6524 + **TL-6724**

1100 grams (2,42 lbs)   1150 grams (2,53 lbs)
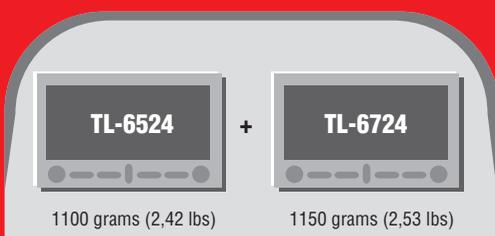
Also TL-6724 data can be displayed   Also TL-6524 data can be displayed

Variation B

TL-6624 + **TL-6824**

1200 grams (2,64 lbs)   950 grams (2,1 lbs)
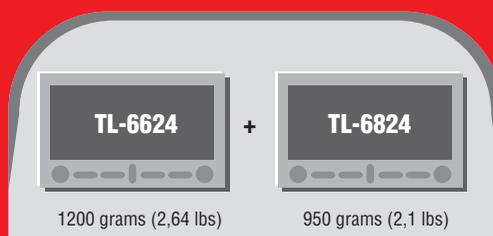
Also TL-6624 data can be displayed

MAKES YOUR FLYING SAFER

www.tl-elektronic.com

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Price List valid for March 2012. To check actual price list, please visit our website **www.tl-elektronic.com**

Instrument	$	€	Options & Accessories	$	€
Integra EFIS TL-6524 (Price includes super bright screen display, Encoder with serial and gray code, USB communication, MP3 player etc.)	$ 2,390	€ 1,709	Internal Li-Ion Backup Battery 3D terrain data Remote compass OAT probe	$ 150 $ 190 $ 290 $ 45	€ 109 € 139 € 209 € 32
Integra EFIS&EMS TL-6624 (Price includes super bright screen display, Encoder with serial and gray code, USB communication, MP3 player etc.)	$ 3,190	€ 2,279	Internal Li-Ion Backup Battery 3D terrain data Remote compass Fuel Flow sensor OAT probe	$ 150 $ 190 $ 290 $ 325 $ 45	€ 109 € 139 € 209 € 233 € 32
Integra EMS TL-6724 (Price includes super bright screen display, MP3 player etc.)	$ 1,990	€ 1,429	Internal Li-Ion Backup Battery Fuel Flow sensor	$ 150 $ 325	€ 109 € 233
Integra Remote Display TL-6824 (Price include super bright screen display, MP3 player etc.)	$ 1,390	€ 999	Internal Li-Ion Backup Battery	$ 150	€ 109

Other options & Accessories

				$	€
Engine Probe/Harness Packages			Rotax 912 to 914 (economy package) Rotax 912 to 914 (advanced package) Jabiru 2200 Jabiru 3300 Lycoming/Superior/Continental 4 Cyl Lycoming/Superior/Continental 6 Cyl	$ 290 $ 770 $ 450 $ 570 $ 590 $ 750	€ 209 € 550 € 329 € 409 € 429 € 539
AOA/Pitot			Standard Pitot AOA Pitot	$ 150 $ 200	€ 109 € 149

Autopilot

				$	€
Autopilot			Servo with a magnetic clutch Premium Activation Key 2-axis Silver Activation Key 2-axis Gold Activation Key - 3 axis	$ 1,229 $ 390 $ 1,390 $ 2,490	€ 899 € 279 € 999 € 1,779

	Full set of primary flight (engine) instruments	HDG, TRK, horizontal NAV (radio or GPS)	ALT hold and change	Control Wheel Steering	Horizontal GPS Steering	Dedicated Control	HDG, TRK, NAV, ALT, pre-arm	Vertical Speed hold	ALT, VS, TRK, HDG pre-selected	Vertical GPS Steering	Vertical NAV (Radio or GPS)	2-axis control	3-axis control
Integra* with Premium Activation Key	●	●	●	●	●							●	
Integra* with Silver Activation Key	●	●	●	●	●	●	●	●	●	●	●	●	
Integra* with Gold Activation Key	●	●	●	●	●	●	●	●	●	●	●	●	●

* Integra refers to TL-6524 or TL-6624

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