

**New Product
Introduction**

DIRECT PLUG-IN REPLACEMENT FOR LEGACY RADIOS:

- King KX155/165
- Narco Mk12D
- +More coming soon

Matrix1 ADVANTAGES:

- Easy Radio Upgrade Installed by Pilot
- More Functionality and Low Price
- One Matrix1 Can Replace Two Legacy Radios
- Modern High Reliability Electronics
- Superior TX/RX Clarity
- Bright Easy-to-Read Display
- Touchscreen Selection of Tunable COM and Channel Monitoring
- Low Heat Generation Allows Passive Cooling

Fly A New Approach



- All the Functionality of Dual NavCom's in a Single Unit
- Four Channel Com and Two Channel Nav
- Do Everything with Knobs & Buttons or Augment with Touchscreen for Faster Operation
- Drives King or Narco Panel Mount CDI/LOC/GS Indicators
- On-Screen CDI/LOC/GS Indicators as Backup to Panel
- Modern Full-Digital Technology for Future Upgrades
- Superior Clarity, Flexibility, and Reliability
- Easy Pilot Installation for Common Legacy Radios
- Modern Operation and Appearance for your Radio Stack
- For Certificated and Experimental Aircraft

All this at a lower cost than repairing your old radio!

See our website or contact us for more information:



Matrix IPAD APP:

With the Matrix iPad app, you can control virtually all radio functions remotely via Bluetooth connection.

Easy Radio Tuning - App displays nearest airport frequencies and approach/departure and you can assign a radio channel with the touch of a button

Tuned frequencies are automatically labeled and displayed on the LCD

Radio can be updated in seconds, right in the cockpit using the Matrix app

Database or other subscriptions are never required

Why fly with 1970's tech?
 Why repair your old radio?
 Instead, for about the same price, you can have modern digital radios.



Matrix1 NavCom Radio Performance Specifications*

Com Radio	Single channel transmit with TX indicator 4 channel standby with selectable monitoring and RX activity indicators
Nav Radio	Simultaneous Dual-Channel NAV Receive NAV ID Morse-code Decoding Dual-Channel DME Decoding* Onscreen backup CDI with TO/FROM Indications
Localizer / Glide Slope	On-Screen LOC and GS Indications for backup Drives King and Narco Panel Mount CDI and GS Indicators Panel OBS selection displays on radio LCD
Marker Beacon	Audible and Visual Marker Beacon Indicators with mute
VHF Radio	760 channel (25 kHz spacing) and 3040 channel (8.33 kHz spacing)
Transmit power	16 Watts
Built-in LOC/GS	Internal VOR/LOC converter and 40-channel glideslope receiver
Controls	All operations available with conventional knob/pushbuttons or with touchscreen display
Display	Color IPS Touchscreen LCD; sunlight readable 800 x 480 pixels;
Unit Size	2.65”h x 6.25”w. Chassis depth dependent on install replacement kit
Unit Weight:	5.75 lb
Power	Universal 12-30 VDC for 14 and 28 volt aircraft
TSO's*	C34e, C35d, C36e, C37e, C38d, C40c, C66c

*Pricing and specifications subject to change
 *Dual-Channel DME functionality requires avionics tech installation.
 *TSO certification expected

See our website or contact us for more information: