

D-Base Repeaters

Your choice – ICOM, Midland, or Motorola!

from Falcon Direct, Inc.

Your choice of VHF or UHF – IDAS, MotoTRBO or P25!



Plan your migration to narrow band with a new repeater station with analog and digital capability!

One of our public safety customers called the other day to discuss budget planning for narrow banding and changing technical standards.

We told him, as we will tell you, that the fact is that within five years all 2-way radio users will be operating some type of digital radio system that will be integrated with computers and data networks.

The question is *how to you plan for this transition and how do you budget for such a plan?* The answer to that question is the reason for the development of the information contained in this product information sheet.

We believe the first step is to acquire a new base station capable of meeting current and future needs. You have three basic choices. Now we'll tell you about them!

Our D-Base Repeaters meets all FCC current and proposed standards including 6.25 kHz!

Additional information at www.the-end-of-confusion.us

Which one is right for you?

- ICOM FR5000/6000 NXDN analog/digital repeater (See picture at top of page) is our most affordable offering 25, 12.5, and 6.25 kHz capability for LESS than \$2,600! Additional information at www.icomfuture.com.
- Motorola XPR8300 or MTR3000 MotoTRBO repeater (See middle picture above) offers both analog and digital capability at 25 or 12.5 kHz bandwidth. More info is available at www.falcondirect.com/mototrbo.
- Midland BASE TECH III is P25 Phase One compliant for 25 and 12.5 kHz operation with multi-mode analog and digital capability. Additional information available at www.midlandradios.us/4.html.
- Additional information is available on the reverse side.

Call us anytime, 24/7 at 800-489-2611

Narrow band migration.....

doesn't have to be complicated! Even the decision to go digital, or which type of digital doesn't have to be complicated either. You can address both requirements by simply exchanging your old repeater with your choice of a DMR (MotoTRBO), NXDN (ICOM), or P25 (Midland) repeater – all of which have both digital and analog capability. You can still use your existing duplexer, antenna and transmission line system to keep your cost down.

The Motorola MotoTRBO can operate on both 25 kHz and 12.5 kHz in either (not both) analog or digital modes. Priced at only **\$2,420** for VHF or \$2,500 for UHF, including power supply, the 45/40 watt XPR8300 can be operated in the analog mode until you are ready to switch to digital. This repeater uses proprietary TDMA technology. The Model MTR3000 is optionally available beginning in January 2010 in UHF for those who want multi-mode (analog and digital simultaneous operation for \$6,200. VHF will be available in 2011.

The ICOM multi-mode NXDN repeater uses open standard FDMA technology and is the only model we offer that can operate on 25, 12.5, and 6.25 kHz channel spacing in both analog and digital modes. The FR5000/6000, rated at 50 watts in VHF or UHF is priced at **\$2,559** including power supply is rated as a best buy for current and future needs.

The Midland BASE TECH III qualifies for federal grant funding using the open standard APCO-25 Phase 1 operating platform. It is compatible with P25 offerings by numerous manufacturers and is recommended for public safety users requiring grant funding compliance. You have a choice of VHF or UHF and is priced at **\$7,899** for 60/50 watts or \$8,918 for the 110/100 watt models including a new heavy duty power supply with battery backup.

Upgrading your base station now assures you of a smooth transition to narrow band in an efficient and affordable program. We'll be with you every step of the way, including assistance in modifying your FCC license if required.

As you can see, it is neither difficult or expensive to comply with the new narrowband standards. (Additional information is available at www.info4u.us/Narrowband_FAQs.pdf).

As far as digital is concerned, we extend to you a very special offer. We will supply the repeater of your choice for a 15 day evaluation at no cost along with two compatible analog /digital portables to prove the benefits of making the migration to digital. To arrange for a demonstration, just give us a call at the number below. You'll be glad you did!



Voice, Data, and Video working together for you!

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