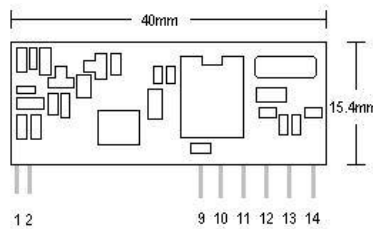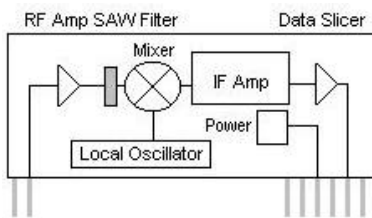**Features**

- The AM2RX-ER is a high performance superhet receiver with a SAW front-end filter for greater immunity
- to interference.
- Embedded "easy-Radio" software protocols means no software to write.
- Fast time to market; instant radio link
- Improved range and greater system reliability
- 433.92MHz standard frequency.
- Customised software available on orders over 100pcs. Several features available

Applications

- Replaces super regen receivers, which are very prone to interference.
- General-purpose remote controls with external range of up to 60m when used with AMTX2B-4-ER. Internal range around 10-20m.
- Battery powered applications.

"easy-Radio" AM2000 Receiver

Item	Specification
Frequency	433.92, 434.25, 868.5, 902-928MHz
Supply volts	5v +/- 0.25v
Supply current	Typical 10mA
Duty cycle current	390µA typ.
Range 433-4MHz	50-60m external with AMTX2B-4-ER
Sensitivity	-103dBm
Data rate	N/A
Size	40 x 15.4 x 6.5mms

Pin	Function
1	RF Ground
2	RF In
9	N/C
10	Ground
11	Supply volts
12	Momentary
13	Data out
14	Latched

Easy-Radio Coding Instructions

From the factory, AM2000 modules are supplied without an Easy-Radio transmitter programmed.

1) The 1st press of either button on a AMTX2B-4-ER Key Fob will enter the AM2000 into key fob learning mode. PIN 14 will pulse as an indication.
2) A maximum of 3 AMTX2B-4-ER Key Fob's may now be added. PIN 14 will pulse (1.6 seconds) on each transmitter button activation as confirmation. If less than 3 key fobs are to be programmed, complete the total of 3 pulses required by the receiver's learning program by repeating an already coded keyfob.

To re-code or delete stored AMTX2B-4-ER Transmitters from the receiver module press both buttons of a STORED AMTX2B-4-ER Transmitter 5 times at 1-second intervals. PIN 14 will now pulse and continuation is as step 2) above.
Note at least one key fob must already be stored in the receiver memory to re-activate key fob learning mode.
PIN 12 and 14 are both activated simultaneously by pressing either key fob button.

See www.lprs.co.uk
for more information

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