



## TX-FM1 Broadcast Transmitter RDS Programming Service



TX Techniques worldwide support is now provided by Lucoro Ltd in the UK.

A new pluggable integrated circuit microcontroller ('chip') will be dispatched to you.

Charge is £5 including delivery +VAT.

Please make cheques payable to Lucoro Ltd.

Contact us for PayPal or BACS payment.

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Name	
Organisation	
Address (line 1)	
Address (line 2)	
Town or city	
County	
Post Code	
Daytime phone number	
E-mail Address	
Delivery address (if different)	
Frequency	
AF Frequency (if required)	
AF Frequency (if required)	
AF Frequency (if required)	
PS (RDS name)	
RadioTEXT (RDS text)	
PI (Hex code)	
PTY (Program Type)	
TP (Traffic Program)	

## Help Completing Your RDS Form...

- Name: Please enter your name.
- Organisation: Please enter the name of your radio station.
- Address, Town, City,  
Post Code : Please enter a contact address for all administrative correspondence.
- Daytime Phone number: It is important that we have a daytime phone number on which we can contact you for any questions relating to your order.
- E-mail Address: Please enter your e-mail address. E-mail is our preferred contact method.
- Delivery address: If you would like the device sent to a different address, please give the full address, including the post code.
- Frequency: Please enter the FM frequency in MHz.
- AF Frequency: For larger stations with more than one transmitter, please list all additional FM frequencies (if applicable) in these boxes, in MHz.
- PS (RDS Name): Please enter your 8 character station name as you would like it to appear on RDS receiver displays.
- RadioTEXT: Please enter your 64 character radioTEXT message as you would like it to appear on RDS receiver displays (eg. "Music, news and information 24 hours a day on Hits FM" Can include phone-in numbers, a web site address, etc). Must be 64 characters or less (to include all spaces and punctuation).
- PI (Hex code): Issued by Ofcom, this is a four digit Hexadecimal code which identifies your station (eg. C495).
- PTY (RDS Program Type): Select the category which will best categorises your station's main programme content.
- TP (Traffic Program): If your station has an active 'TP flag' then please select this option. We will ensure the 'TP flag' is active in your RDS output. Please note that the Authorities may take action against any broadcaster abusing this system.

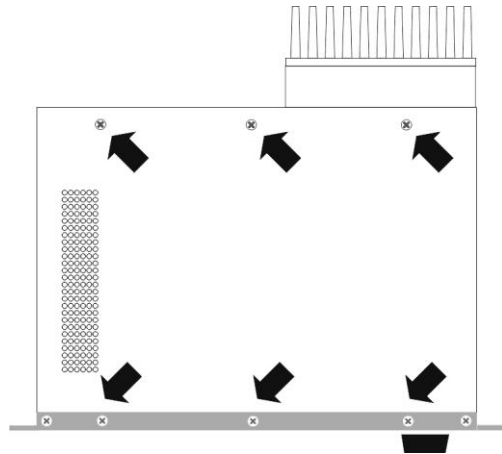
### Installing Your RDS device...

**WARNING!** Refer to qualified personnel. Your new RDS 'chip' device is VERY FRAGILE. Force can physically damage the device, and static electricity can electrically damage the device. Observe anti-static precaution when handling the integrated circuit. Wear an antistatic wrist band.

**WARNING!** INSERTING THE DEVICE THE WRONG WAY INTO THE PCB SOCKET CAN RESULT INF CATASTROPHIC FAILURE OF THE TRANSMITTER CIRCUITRY.

**WARNING!** ISOLATE MAINS SUPPLY BEFORE REMOVING COVER.

1. Disconnect mains supply.
2. Remove the 6 cover screws.
3. Remove lid (slide backwards to release front lip).
4. Remove lid (slide backwards to release front lip).
5. Locate RDS EEPROM.



6. Using a suitable extraction tool, remove the device from its socket USING EXTREME CARE.

7. Insert replacement EEPROM, taking care to align the notch in the device with the arrow on the PCB. Ensure all pins seat correctly.

8. Replace the cover (slide forwards to fit front lip) and 6 screws.

