# TX-FM1 Broadcast Transmitter RDS Programming Service



New RDS content for users of legacy TXFM1 transmitters is available. The content is programmed on a 'pluggable' component device within the internal circuitry and can be updated using these instructions.

Please use the form on the next page to order a new integrated circuit microcontroller ('chip'). Email or post the form to us, and a new device will be dispatched to you on the next business day, upon receipt of £6 cleared payment (includes delivery and VAT). Payment can be made via Debit or Credit Card (PayPal) or BACS. Please contact us for more details.

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Information can be provided in standard email format provided all information shown below is provided.

| | |
|---|---|
| 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...**

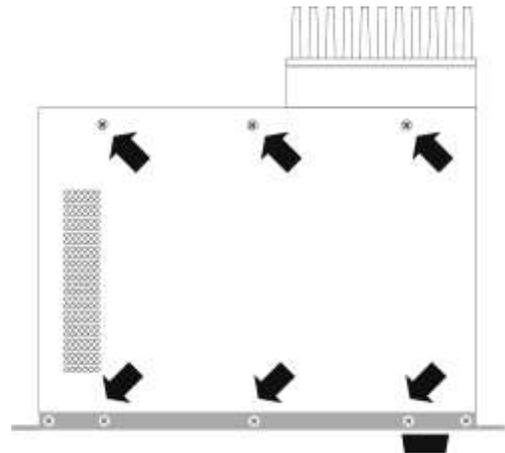| | |
|---|---|
| Name: | Please enter your name. |
| Organisation: | Please enter the name of your radio station. |
| Address, Town, City, Post Code : | Please enter a contact address for all administrative correspondence. |
| Daytime Phone number: | It is important that we have a daytime phone number 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…**

1. Disconnect mains supply.

2. Remove the 6 cover screws.

3. Remove lid (slide backwards to release front lip).

4. Locate RDS EEPROM (arrow).

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

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

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