

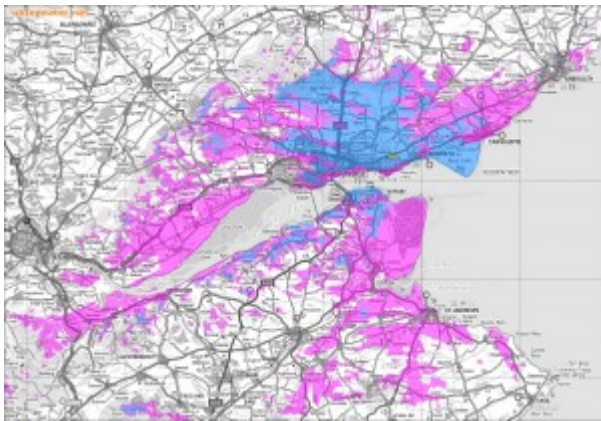
# Home

## Welcome to GB7DD

GB7DD, which is located to the east of Dundee at Broughty Ferry, was the 1st DMR Repeater to go on-air in Scotland for Radio Amateurs. GB7DD is connected via the Brandmeister Network with GB7EE in Edinburgh, GB7JD in Jedburgh, GB7GG in Glasgow , and GT7TT in Troon on Slot 2 TG9 using Reflector 4405 which DV-Mega, SharkRF openSPOT and DV4Mini's can also connect into. GB7TT in Troon joined us BrandMeister Reflector 4405 in June 2017.

This website also provides information on the other Scottish DMR Repeaters who are all linked into the Brandmeister Scottish Reflector 4405. Those repeaters are GB7EE in Edinburgh, GB7GG in Glasgow, GB7TT in Troon.

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GB7DD was first licensed by [Ofcom](#) on 4th March 2014 as a UHF Motorola MotoTRBO DMR Digital Voice Repeater and is owned solely by Martin Higgins MM0DUN.

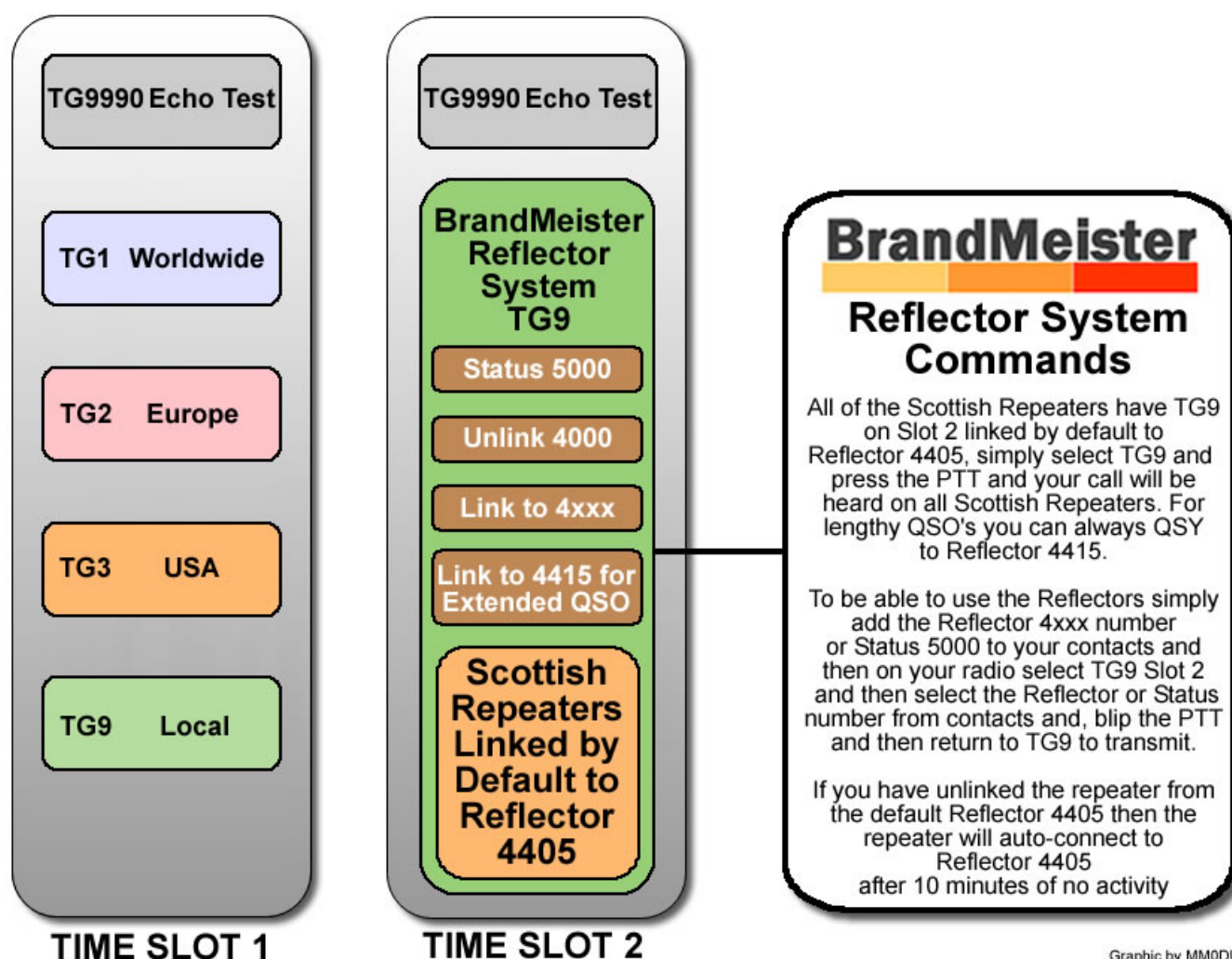
Everyone is welcome to use the repeater at any time as long as they are a licensed radio amateur!

Coverage is unfortunately pretty limited due to GB7DD being located on the outskirts of Broughty Ferry on the A92 to the east of Dundee where the ground rises to the North and West. All efforts have been made to make this location as viable as possible by adding in a pre-amplifier to the receive circuit, no rent is paid for the site or for the internet and electricity consumption as this is all provided by the Keeper Martin MM0DUN.

A better location is desired to provide a more balanced coverage of the Dundee/Arbroath/North Fife/Perth area. If anyone can suggest a good location to cover the majority of these areas then contact the Keeper Martin MM0DUN who would be happy to hear about it and discuss your suggestions and options.



As of 1st May 2016 some important changes were made to the GB7DD and GB7EE repeaters in Scotland which had been agreed between Allister GM7RYR (the keeper of GB7EE), Martin MM0DUN (the keeper of GB7DD) and the UK BrandMeister Team. These changes have been made to make it easier for the users of these repeaters and to allow those with DV-Mega and DV4Mini's to be able to converse with those using the repeater.



Graphic by MM0DUN  
www.gb7dd.co.uk

All of the Scottish Repeaters have TG9 on Slot 2 linked by default to Reflector 4405, simply select TG9 and press the PTT and your call will be heard on all Scottish Repeaters.

For lengthy QSO's you can always QSY to Reflector 4415 which is the Scottish 'Chat Room'. This will be even more important as the Scottish DMR Repeater

Network grows to ensure that a larger number of repeaters are not blocked by two people chatting for an extended period of time on reflector 4405.

If you wish to make use of the wider BrandMeister Reflector system to connect the repeater to another reflector then to be able to do this simply add the Reflector 4xxx number or Status 5000 to your contacts and then on your radio select TG9 Slot 2 and then select the Reflector or Status number from contacts and, blip the PTT and then return to TG9 to transmit.

If you have unlinked the repeater from the default Reflector 4405 then the repeater will auto-connect to Reflector 4405 after 10 minutes of no activity.

TG9 on Slot 1 is intended to be used for local chat.

If you require any guidance then complete the online form and someone will come back to you and answer your queries.

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**NO DIRECT CALLS** are permitted. Please also stick to the [recognised Talk Group/Reflectors](#) and do not make up your own.

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GB7DD operates on two digital time slots for licenced radio amateur use only on the World-Wide BrandMeister Network:

**Time Slot 1** is for World-Wide, USA, Europe, and Local. TG91 is also available for the DMR Saturday Weekly Net.

**Time Slot 2** is for TG9 which is linked to Reflector 4405 as of 1st May 2016 which will link all Scottish TG850 DMR BrandMeister repeaters (currently GB7DD Dundee, GB7EE Edinburgh, GB7GG Glasgow and GB7JD Jedburgh) together.

Please remember that repeaters are primarily for mobile users and you are asked not to hog the repeater or Talkgroup/Reflector. Please use the Talkgroup with the lowest number of external connections to reduce the number of repeaters being utilised by your QSO – for example don't sit on Time Slot 2 if you are chatting to someone local, instead use TG9 Local on Slot 1.

Also, don't sit on TG9 Local on Slot 1 for hours on end as you stop anyone else from making use of World-Wide from being accessible.

Likewise sitting chatting for long periods on TG9 Local Slot 2 will stop anyone else from making use of the Dundee <-> Edinburgh link. This will become more important as DMR in Scotland expands. Currently a repeater is pending for Troon.

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If you are interested in accessing GB7DD but wish some guidance, then please do not hesitate to contact me, Martin Higgins – MM0DUN, via the [Contact](#)

option above.



A good choice of DMR capable handsets in the marketplace!

You will need a DMR (not a dPMR) handset or mobile, one with a display is easier to use. You will often find 2nd hand equipment on eBay. There are a few Chinese made radio's now appearing both online and via UK Sellers. I have no experience of these brands so cannot comment on build quality nor audio quality. One handset which does seem to be popular is the [Tytera MD-380](#) (the TYT MD-380 and Revetis RT3 appears to be the same radio) which priced between £91 and £150 depending on where you purchase it. I have provided a menu item on this site for the free [Tytera programming software](#) and various codeplugs kindly created by others to get users of their new handset started and on-air in as short a time as possible. You will also find codeplugs for various [Motorola](#) and [Hytera](#) models available on this website too. If you need assistance drop me an email via the [Contact Us Form](#).



**UPDATES** Keep up-to-date with any changes being made to the GB7DD website by clicking on the Web Updates image.



So you ask, what is so special about DMR .... well a DMR Repeater is basically like an analogue repeater but is digital and has two time slots, so basically it is like having two digital repeaters in one – on the same frequency. This means you can have two separate conversations going on at the same time using the same repeater frequency. One local amateur can hold a QSO with someone on the World-Wide Talk Group at the same time as another local amateur can hold a QSO with another local amateur on Talk Group 9. This is all possible due to the two different digital encoded time slots and the

different Talk Groups; Local, Regional, National and International.

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A donation button has been provided on this website if you do feel like saying 'Thanks' for the information on this website as well as supporting GB7DD.

[Donate](#)



Thanks for your valued support

Martin Higgins – MM0DUN  
Owner and Keeper of GB7DD