Setting up your new DMR handie …

You probably already have FM sorted out, so we won't dwell on that.

For digital you have a number of different things to worry about. Let's look at getting you setup on GB7GT on Clee Hill.

First of all, you will need to setup two channels. Both will have the same tx freq, rx freq & colour code; we'll call one "GT Local" and the other "GT Cluster".

TX = 430.4125
RX = 439.4125
Colour Code = 13 (that's the digital equivalent of CTCSS)

Now the hard bit:

You'll need to setup two new Digital Contacts (might be Contacts, then Digital)

(1) A "Group Call" called DMR-Local with a value of 9
(2) A "Group Call" called DMR-Cluster with a value of 950

You'll then need to setup two Digital Group Call Lists (might be Group Lists, then Digital)

(1) A "Group Call List" called Local which has DMR-Local in the list
(2) A "Group Call List" called Cluster which has DMR-Cluster in the list

Now to finish off the channels:

"GT Local"
TX = 430.4125
RX = 439.4125
Colour Code = 13
Slot = 1
Contact name = DMR-Local (that's on the tx side)
Group list = Local (that's on the rx side)
Timeout = 180 seconds

"GT Cluster"
TX = 430.4125
RX = 439.4125
Colour Code = 13
Slot = 2
Contact name = DMR-Cluster
Group list = Cluster
Timeout = 180 seconds

You'll also need to setup the "Admit Criteria" for each channel. It should be something like "Follow Colour Code" or "Colour Code Free", but if all else fails use "Always" but this isn't recommended on repeaters.

If you get it wrong you'll find you can't transmit until the repeater drops out.

Simplex channels:

DH1 438.5875
DH2 438.6000
DH3 438.6125 (calling channel)
DH4 438.6250
DH5 438.6375
DH6 438.6500

Simplex channels are usually setup as:

Slot = 1
Contact name = DMR-Local
Group list = Local
Admit Criteria = Always

See how you get on with that!

Take a look at the Salop Cluster website for the other local repeaters.

https://salop-repeater.weebly.com/