

DMR LINKING

Talkgroups, reflectors and the four ID numbers that do all the work.

MAKING THE CALL — LINKING IS DONE BY THE NETWORK; THE MIC JUST CALLS THE RIGHT ID

LINK A TALKGROUP

GROUP CALL · TG ID

Short group call to the TG ID

The server links you **dynamically**. Stations with the same TG linked hear your group calls to it.

Example: with TG969 linked, group calls to DMR ID 969 reach your M1KE.

UNLINK EVERYTHING

GROUP CALL · TG 4000

Short group call to 4000

Drops **all dynamic talkgroups** — and any linked reflector with them. The one number to remember when the mic is on something you didn't intend.

LINK A REFLECTOR

PRIVATE CALL · 4000-5000

Short private call to the reflector ID

One reflector at a time. Talk on it by sending group calls to **TG9**; reflector traffic comes back on TG9 too.

Private call to 4000

Unlinks the reflector.

XLX MODULES

DCS/XLX · DMRPLUS DONGLE

Call 4001, 4002, 4003 ...

Connects to module **A, B, C** and so on, in order.

Call 4000

Unlinks the current module.

HOW LINKS BEHAVE — AND WHAT SHARKRF RECOMMENDS YOU ACTUALLY DO

DYNAMIC

TIMES OUT

Linked by calling the TG; expires after the last call — usually **15 minutes** on BrandMeister, depending on the server.

AUTO-STATIC

BRANDMEISTER FEATURE

The **first TG you call after calling TG4000** is linked auto-static and will not time out. Call TG4000 again to clear it.

STATIC

SET ON THE NETWORK, NOT THE MIC

BrandMeister

On the BM dashboard, or from the M1KE's own **BrandMeister Manager** tool panel.

DMRplus / IPSC / others

In the **DMRplus options** at the bottom of the Homebrew/MMDVM connector, or on the network's dashboard.

QUICK CALLS

THE TAP THAT DOES THE LINKING

What it is

A short PTT tap with no audio — a kerchunk. These empty calls **do show up on the BrandMeister dashboard**.

Shortcuts

Saved in the active config profile.

Hover or hold a saved button to see its name.

Auto group call 4000

When checked, fires TG4000 before every shortcut so the server unlinks everything first.

RECOMMENDED

SHARKRF'S OWN ADVICE

- **BrandMeister:** avoid static talkgroups — use one auto-static TG at a time.
- **DMRplus / IPSC:** set statics in the DMRplus options on the Homebrew/MMDVM connector.
- **Reflectors have been off on BrandMeister since 2020.** Most servers have them disabled — use talkgroups.