

Simplified DMR Gateway Talkgroup rewrites For Simplex Use

Net 2 DMR+IPSC2 Using TG-8

TGRewrite=2,8000001,2,1,999999 - send RF out to server "Group Call"

~~PCRewrite=2,8000001,2,1,999999 - send RF out to server "Private Call"~~ (Not required for DMR+)

SrcRewrite=2,1,2,8000001,999999 - receive from server and send out RF

Net 3 QuadNet DMR Using TG-7

TGRewrite=2,7000001,2,1,999999 - send RF out to server "Group Call"

PCRewrite=2,7000001,2,1,999999 - send RF out to server "Private Call"

SrcRewrite=2,1,2,7000001,999999 - receive from server and send out RF

Net 4 TGIF Using TG-5 (Private Call not available)

TGRewrite=2,4000001,2,1,999999 - send RF out to server "Group Call"

SrcRewrite=2,1,2,4000001,999999 - receive from server and send out RF

Net 4 TGIF 8 digit Talkgroup rewrites for the use of 7 digit DMR ID private call Using TG-1

TGRewrite=2,10000001,2,1,99999999 - send RF out to server "Group Call"

PCRewrite=2,10000001,2,1,99999999 - send RF out to server "Private Call"

SrcRewrite=2,1,2,10000001,99999999 - receive from server and send out RF

Net 5 DMR Network Using TG-5

TGRewrite=2,5000001,2,1,999999 - send RF out to server "Group Call"

PCRewrite=2,5000001,2,1,999999 - send RF out to server "Private Call"

SrcRewrite=2,1,2,5000001,999999 - receive from server and send out RF

Explanation of TGRewrite=2,5000001,2,1,999999

2 - RF Time Slot

5000001 - RF - First TG of a series

2 - Network Time Slot

1 - Network - First TG of a series

999999 - quantity of TG's in the series

(ie RF 5000310 translates to 310 on Net5). The return on Net 5 310 translated back to radio 5000310)

The TGRewrite rule is bi-directional

The PCRewrite rule is not bi-directional so you need two rules for private call

PCRewrite=2,5000001,2,1,999999 - send RF out to server

SrcRewrite=2,1,2,5000001,999999 - receive from server and send out

TGIF rewrites to accommodate the private call feature using 8 digit talkgroup rewrites

So for TGIF it would look like this for simplex or duplex

TypeRewrite	Rewrite Type
TypeRewrite1=1,10000001,1,99999999	(TS-1) - send RF out to server "Group Call"
TypeRewrite2=2,10000001,2,99999999	(TS-2) - send RF out to server "Group Call"
TGRewrite	TG Rewrite Rule
TGRewrite1=1,10000001,1,1,99999999	(TS-1) - send RF out to server "Group Call"
TGRewrite2=2,10000001,2,1,99999999	(TS-2) - send RF out to server "Group Call"
PCRewrite	Private Call Rule
PCRewrite1=1,10000001,1,1,99999999	(TS-1) Private Call For 7 digit TG TGIF
PCRewrite2=2,10000001,2,1,99999999	(TS-2) Private Call For 7 digit TG TGIF
SrcRewrit	Source Rule
SrcRewrite1=1,1,1,10000001,99999999	(TS-1) Source from server
SrcRewrite2=2,1,2,10000001,99999999	(TS-2) Source from server