



Icom America Inc.

Quick Reference Tutorial



▲ IC-F3161DT/T

▲ IC-F4161DS/S



IDAS

ICOM DIGITAL ADVANCED SYSTEM

DIGITAL FEATURES

Programming for **Select Call**
using Individual IDs



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Before You Program

Desired Action:

- Individual IDs allow you to call a particular radio, excluding any others that are on the same frequency.

Assumptions:

- Proper frequencies are entered
- Proper RAN codes are entered
- Proper squelch is set
- Radio is 6.25kHz capable (UT-119H/126H).



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Programming Select Call

In Zone Operation: Set Zone Type to Conventional.

Zone	Text	Zone Type	P
1		Conventional	
2		Conventional	
3		SmarTrunk	
4		LTR	



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Programming Select Call

In Memory Channel 1, set **CH Type** to **Digital**.

Zone 1: (Left CH - 496)					
CH	Auto Scan	CH Type	Auto Reset	CH Mute	
1- 1		Digital	Tim-B	OR	
1- 2		Analog			
1- 3		Mixed-Ana : Mixed & TX=Analog			
1- 4		Mixed-Digi : Mixed & TX=Digital			
1- 5		Digital			



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Programming Select Call

- At **Unit ID**, enter your radio ID.
- Set **Squelch Type** to **Sel** (Selective), if you want the squelch to open with the proper RAN *and* Talk Group or Individual ID

Zone 1: (Left CH - 496)							
Digital						MDC	
CH	Log	RX RAN	TX RAN	Unit ID	Talkgroup List No.	Squelch Type	System
1- 1		1	<-	1004	1	Sel	
1- 2						OFF : OFF	
1- 3						RAN : RAN	
1- 4						: Selective	
1- 5							
1- 6							



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Programming Select Call

- Go to **Digital -> Individual -> Individual ID List.**
- Enter all Individual ID Names and numeric IDs of the other radios in the system you wish to contact. This alias list is used when selecting other radios for Selective Calling, Call Alerts, etc.

Digital - Individual - Individual ID List		
ID		
No.	ID	ID Name
1	1001	John
2	1002	Paul
3	1003	George
4	1004	Ringo
New		



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Programming Select Call

- Go to the **Option** window and set **Unit ID Display on Receive** to **ON**.
- Enter a time value in **Reset Timer**.

Digital - Option	
Send Status Number	Last Status
ANI	
Talkgroup Display on Mode Change	OFF
Talkgroup Display on Receive	OFF
Unit ID Display on Receive	ON
Ringer on Receive	OFF
Talkgroup Display on PTT	ON
Over Ringer	OFF
TX R.T.T Beep	OFF

Config	
Ack TX Delay(Sec)	0.100
Ack RX Wait(Sec)	0.800
Attempt No.	5
Ringer Repeat(Sec)	10.000
Reset Timer(Sec)	10.000
Data Decode Comparison	OFF





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Programming Select Call

- Go to **Common** -> **Key & Display** and assign a **Digital Button** to one of the programmable keys.

Key & Display Assign		
Key		
Mobile / Portable		Conventional
P0 /	P0	Digital Button
P1 /	P1	Null
P2 /	P2	Null
P3 /	P3	Null
P4 /	Side1	Null
Up /	Side2	CH Up
Down /	Side3	CH Down
OPF0 /	Emer	Null

- Write the file into the radio.
- The radio is now ready to do a Select Call.



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Programming Select Call

To Make an Individual Select Call

1. Press *and hold* the key assigned for Digital calls. The display will briefly show INDIVIDUAL or TALKGROUP.
2. If the selection is TALKGROUP, press and hold the key again, then press and hold to select INDIVIDUAL.
3. Press the programmed key again to bring up the list of Individual IDs.
4. Scroll to the desired radio ID by pressing the Up/Down keys, then press PTT.