DTR 900MHz 1W Radio

MOTOROLA SOLUTIONS

Configuring Mix Fleet

Configuring a Mix Fleet - Scenario 1

DTR410/ DTR550/ DTR650/ DTR620

In most cases, the old DTR is using Public Group, Channel 1, ID 1.

Perform a read out to determine if the ID has been changed

17179184219		Model - DTR550			
Save to profile	Write to radio	Reset	Close	Radio-Specific Report	Overview Report	◀ HELP

☐ Public Groups

☐	Index	Name	Channel	ID
☐	1	Public 1	Channel 1	1
☐	2	Public 2	Channel 1	2
☐	3	Public 3	Channel 1	3
☐	4	Public 4	Channel 1	4
☐	5	Public 5	Channel 1	5

Add	Delete

Results on page 8

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DTR600/ DTR700/ DTR720

Do nothing and leave the default Profile ID to 0000 and set to Channel 1 for the public group chat.

Configuring a Mix Fleet - Scenario 2a

DTR410/ DTR550/ DTR650/ DTR620
If the old DTR is using different ID, example: Public Group, Channel 1, **ID30**

DTR600/ DTR700/ DTR720
Follow these settings:

| 379TUT0056 | | Model - DTR600 | | | | | | |

✔ Data successfully updated.

| Save to profile | Write to radio | Reset | Close | Customer Handout | Detailed Report | Switch to BASIC | | ◀ HELP |

1) Go to Advance setting

□ Advanced View Setting (Advanced)

Profile ID Number Lock   ☐

2) Uncheck this

□ Contacts (Advanced)

Maximum Contacts	200	Current Number of Contacts	21
Maximum Private Groups	50	Current Number of Private Groups	0
Maximum Public Groups	50	Current Number of Public Groups	20
Maximum Privates	100	Current Number of Privates	1

Configuring a Mix Fleet - Scenario 2b

1) Still in Advance setting

3) Add group to 21

4) The Frequency hopset is to follow the old DTR Channel #

5) Follow the old DTR ID, change ID to 30

CPS - Add contacts and groups into Channel

10) Program the settings to the radios

6) Switch back to Basic setting

8) Select type of group to assign to the channel (if more than 1 group is available)

7) Select Public as the Mode

9) Channel name can be renamed (optional)

Save file for future programming use (optional)

Configuring a Mix Fleet - Scenario 3a

DTR410/ DTR550/ DTR650/ DTR620

If the old DTR is using different Channel and ID, example: Public Group, **Channel 2, ID2**

DTR600/ DTR700/ DTR720

Follow these settings:

Profile ID Number information (Basic)	
Profile ID	6180

1) Change the Profile ID to non-zero

379TUT0056   Model - DTR600

✓ Data successfully updated.

| Save to profile | Write to radio | Reset | Close | Customer Handout | Detailed Report | Switch to BASIC | ◀ HELP |

2) Go to Advance setting

☐ **Advanced View Setting (Advanced)**

Profile ID Number Lock ☐

3) Uncheck this

☐ **Contacts (Advanced)**

Maximum Contacts	200		Current Number of Contacts	21
Maximum Private Groups	50		Current Number of Private Groups	0
Maximum Public Groups	50		Current Number of Public Groups	20
Maximum Privates	100		Current Number of Privates	1

Configuring a Mix Fleet - Scenario 3b

1) Still in Advance setting

5) The Frequency hopset is to follow the old DTR Channel #

6) Follow the old DTR ID, change ID to 2

4) Add group to 21

Public Groups (Advanced)

	Index	Name	Frequency Hopset	ID
	17	N/A	10	N/A
	18	N/A	10	N/A
	19	N/A	10	N/A
	20	N/A	10	N/A
	21	Public 21	2	2

CPS - Add contacts and groups into Channel

11) Program the settings to the radios

7) Switch back to Basic setting

Save file for future programming use (optional)

10) Channel name can be renamed (optional)

8) Select Public as the Mode

9) Select type of group to assign to the channel (if more than 1 group is available)

Configuring a Mix Fleet - Scenario 4a

DTR410/ DTR550/ DTR650/ DTR620

If the old DTR is using Private Group with a Private Group Name - *Test*. Now wanted to add 2 new DTR radios into the Private Group.

1) Open old DTR CPS

2) Add the new DTR radios ID under Privates

Configuring a Mix Fleet - Scenario 4b

3) Ensure the Channel is same as the old DTR

4) Manually key in the radio ID. Repeat Step 2 and 3 for additional radios

Configuring a Mix Fleet - Scenario 4c

BUSINESS RADIO CUSTOMER PROGRAMMING SOFTWARE

Session time remaining: 58:41 ⬤ LOCAL

HOME **RADIO**

Radio Type
DTR

Preference Setting
Auto Detect COM

Read Radio
17179184220

New Profile

Open

Profiles
DTR 550

17179184220   Model - DTR550

✓ Data successfully updated.

| Save to profile | Write to radio | Reset | Close | Radio-Specific Report | Overview Report |

▶ HELP

Maximum Privates   150   Current Number of Privates   4

Privates

	Index	Edit More		Name	Channel	ID
☐	1	Edit More	👤	Private 02	Channel 3	17179184219
☐	2	Edit More	👤	Private 03	Channel 1	17174789845
☐	3	Edit More	👤	Private 04	Channel 1	17174789832
☐	4	Edit More	✓	17179184220	Channel 3	17179184220

| Add | Add With Scanner | Delete | Results on page 8

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Private Groups

	Index	Edit More	Name	ID	l Privates	Group Members
☐	1	Edit More	Test	17179184219		Private 02, 17179184220

5) Click Edit More to add the 2 newly added radio into this group

6) Note down this Group ID number for new DTR configuration

| Add | Delete | Results on page 8

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Public Groups

	Index	Name	Channel	ID
☐	1	Public 1	Channel 2	2
☐	2	Public 2	Channel 2	7
☐	3	Public 3	Channel 1	3
☐	4	Public 4	Channel 1	4

Channel (Privates)
This field sets the channel that the Private contact resides on. Range is from channel 1 to channel 10.

Notes
- If a Private contact belongs to at least one Private Group contact, changing the Channel will delete it from that Private Group contact. Any Private Group left without any members will be deleted.
- Changing the Channel will reset the Home Group field to "None".
- The Channel field cannot be left blank.

Configuring a Mix Fleet - Scenario 4d

7) Select the 2 newly added ID and click add into the group

Configuring a Mix Fleet - Scenario 4e

8) Open new DTR CPS

9) Add the old DTR radios ID under Privates

10) Click Edit More to add the 2 newly added radio ID into this group

11) Change the Group ID # same as previous settings

Configuring a Mix Fleet - Scenario 4f