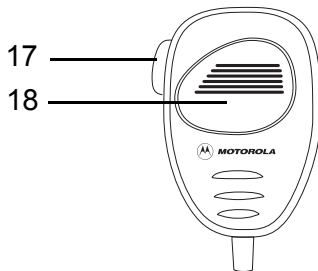
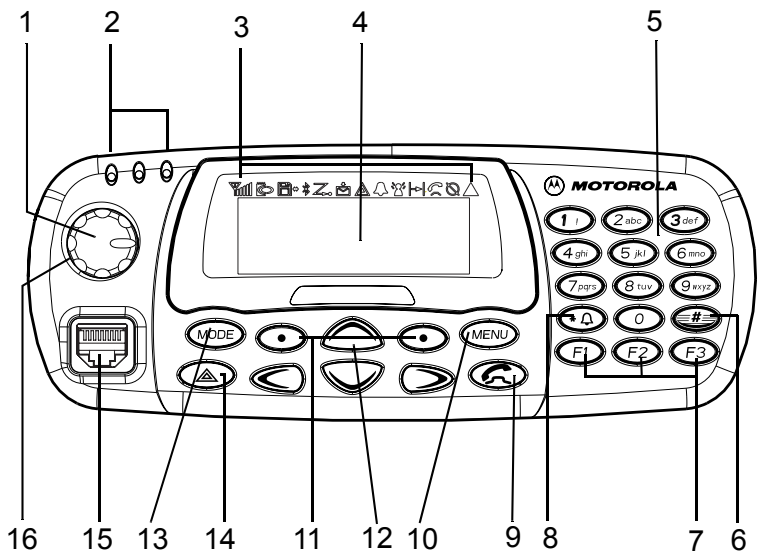


MTM800
TETRA 移動式對講機
基本用戶手冊



6815291H01-U





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安全資訊



小心

在使用這些產品之前，請閱讀 MTM800 的產品安全與 RF 能量暴露手冊 6804113J25 中所包含的安全使用操作指示。

注意！

這些配件僅供職業用途，以符合 ICNIRP RF 能量暴露限制。在使用這些產品之前，請先閱讀產品安全與 RF 能量暴露手冊（摩托羅拉出版品編號 6804113J25）中所包含的 RF 能量注意事項以及操作指示，以確保遵循 RF 能量暴露限制。

請將本使用手冊及產品安全與 RF 能量暴露手冊妥善保存，若將這些配件交由他人使用，應一併提供這些手冊。

廢棄處置資訊



歐盟的電器及電子產品廢棄物處理指令 (WEEE) 規定銷入歐盟國家的產品（或某些情況下，在外包裝上）必須加上垃圾桶打叉的標籤。依照 WEEE 指令的定義，這個垃圾桶打叉的標籤表示歐盟國家的客戶及使用者不應將電器及電子設備或配件當成家庭廢棄物處理。

歐盟國家的客戶及使用者應與當地設備供應商代理或維修中心聯絡，以取得有關當地廢棄物回收系統的相關資訊。

版權資訊

本手冊中所述的摩托羅拉產品可能包含具摩托羅拉版權的電腦程式，儲存於半導體記憶體或其他媒體中。美國和其他國家的法律承認並保護摩托羅拉對擁有版權的電腦程式享有專有權，包括但不限於以任何形式複製或重製具有版權的電腦程式。因此，在沒有獲得摩托羅拉公司明確的書面許可條件下，不得以任何方式對此使用手冊描述的摩托羅拉產品中包含的任何具有摩托羅拉版權的電腦程式進行複製、重製、還原工程或散佈。此外，購買摩托羅拉的產品並不能視為是直接或者暗示，獲得摩托羅拉的版權許可、專利或者專利申請，惟在產品銷售中依法規定為一般非專屬版權的授權除外。

本文件受版權保護。允許基於使用摩托羅拉產品的目的而複製本文件，不允許用於其他目的、或修改、增添或對本文件做其他處理。僅能將本電子版文件視為正本，複製文件則為複本。摩托羅拉公司集團不保證此類複本的正確性。

圖示慣例

本文件旨在提供讀者更易懂的視覺提示。說明文件中使用以下圖示。以下說明這些圖示的相關意義。



警告

「警告」標語加上安全圖示表示若未遵照該資訊指示，可能會導致死亡或嚴重人員傷害，或對產品造成嚴重損害。



小心

「小心」標語加上安全圖示表示若未遵照該資訊指示，可能會導致輕度或中度人員傷害，或對產品造成嚴重損害。

小心

「小心」標語可能會單獨使用（未加上安全圖示），表示會有與產品無關的受損或傷害風險。

注意

「注意」則包含比其前段文字更重要的資訊，例如例外或事先具備的條件。此外，也會告知讀者其他相關資訊的位置，提醒讀者如何完成動作（例如，當該動作不是目前程序的一部分時），或告知讀者某項資訊在畫面上的位置。「注意」並無相關的警告等級。

MTM800 概觀

控制項與指示燈

以下號碼係對應指封面內頁圖中的號碼。

號碼	說明
1	開/關鍵 按住即可啓動/關閉 MTM800。
2	LED（指示燈）
3	顯示圖示 顯示其他資訊和 MTM800 狀態。
4	文數字顯示 提供四行 16 個字元及背光。
5	文數字鍵盤 使用此鍵盤輸入文數字字元，以撥號、輸入電話簿項目和文字訊息。
6	背光鍵 降低和提高對講機的背光亮度。
7	可編程按鍵 1、2 和 3
8	外部警報鍵 用來啓用或停用外部警報功能（聲音和指示燈）。
9	傳送/結束鍵 用來撥打或接聽通話、結束通話（非群組模式）或傳送狀態和文字訊息。
10	功能表鍵 用來輸入主功能表並捲動功能表選項。
11	軟按鍵 按即可選擇出現在螢幕上向左或向右鍵上方的選項。
12	導覽鍵 按向上、向下、向左或向右即可在清單中捲動（在功能表中瀏覽時），或進行文數字編輯。
13	模式鍵 用來變更模式。

號碼	說明
14	緊急呼叫按鈕 用來傳送緊急通報（按住）。
15	麥克風接頭 可連接配備 PTT 的掌上型或桌上型麥克風或電話手機。
16	音量旋鈕 調整音量。
17	通話按鈕 (PTT) 按住此按鈕即可說話，放開則可收聽。
18	麥克風

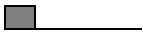














注意

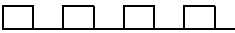

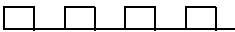
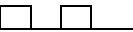
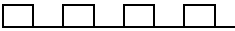







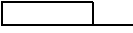
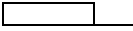

在初次開始使用 MTM800 之前，請先將螢幕的塑膠保護貼撕下。

音訊提示音

□ = 高音；■ = 低音


說明	類型	重複
閒置		
<ul style="list-style-type: none"> 返回首頁畫面 當旋鈕捲動功能計時器已達逾時時間，就會返回旋鈕音量調整功能 返回涵蓋範圍 返回完整服務 	□ _____	一次
清楚以傳送	□ _____	一次
按鍵無效	■ _____	一次
<ul style="list-style-type: none"> 按鍵有效 MTM800 開機時自我測試失敗 從不在服務範圍進入服務範圍 	□ _____	一次

說明	類型	重複
通話中		
通話清除警告		一次
當有待接來電或私人通話時，發出通話待接音。		每六秒一次，直到通話結束。
已數據連接或中斷數據連接		一次
按 PTT 時發出通話允許音		一次（標準提示音）
		一次（短提示音）
按 PTT 時允許不透過閘道通話。此提示音表示閘道無法使用。		兩次
		一次
<ul style="list-style-type: none"> 禁止通話 系統忙碌 逾時計時器已達逾時時間 要通話的對講機不在系統內或忙線中 		直到放開 PTT
<ul style="list-style-type: none"> 由於網路的關係，通話中斷或失敗 撥號錯誤 		一次
		無鈴聲
進入 DMO（直通模式）		一次
退出 DMO		一次
本端站台中繼 — 進入/退出		一次
電話答鈴（傳送）		每三秒一次，直到對方接聽或通話被拒。
電話忙線		每 0.5 秒一次
狀態訊息已傳送至調度員或傳送失敗。		兩次

說明	類型	重複
來電		
調度員已確認狀態訊息。		四次
您的 MTM800 未透過 閘道接收到群組呼叫 (僅設定)。		一次
接收到高優先性群組呼叫		一次
已傳送或接收到緊急通報		兩次
緊急通報失敗		四次
已接收到緊急呼叫		一次
電話鈴聲，全雙工 私人通話（接收）	依鈴聲類型子功能表中的 設定而定。	直到您接聽或拒絕 通話
接聽私人通話	依鈴聲類型子功能表中的 設定而定。	直到您接聽或拒絕 通話
私人通話答鈴		直到接聽來電
半雙工私人優先呼叫 (PPC) 鈴聲		每四秒一次，直到接 聽或拒絕通話。
全雙工私人 PPC 鈴聲		每四秒一次，直到接 聽或拒絕通話。
有限服務		在進入有限服務區域 時會響一次
收到新郵件		一次
新群組呼叫		一次
一般		
音量設定（聽筒、鍵盤、 揚聲器）		連續
音量設定（鈴聲）		在設定音量時
傳輸抑制 (TXI)		一次

週期警告

此功能可由使用者停用/啓用。

按下「 - 4 設置 - 1 鈴聲 - 5 週期警告」，您還可以設定發出警告的間隔時間。


按鍵和按鈕概觀

模式鍵


MTM800 在集群模式 (TMO) 時提供四種通話模式：

- 群組模式 – 傳送和接收群組呼叫。
- 私人模式 – 傳送和接收私人通話。
- 電話模式 – 傳送和接收電話通話。
- PABX 模式 – 傳送和接收本端（辦公室）分機通話。


當經過數秒均無活動，MTM800 就會回到群組模式（預設）。

反覆按 ，即可循環選擇群組、私人、電話和選用 PABX 模式。

快捷鍵

按  即可選擇出現在螢幕上向左或向右鍵上方的選項。

功能表鍵

按  即可進入功能表。MTM800 功能表可讓您控制 MTM800 設定。

緊急呼叫按鈕

在任何模式中，按住  均可進入緊急模式。

注意

按**緊急呼叫按鈕**所需的時間預設為 0.5 秒。但是，可由您的服務供應商將此時間設為其他值。

功能鍵

F1 到 F3 鍵

這些按鍵支援單鍵功能，可透過按住單鍵來選擇或啟動常用的功能。

數字鍵

MTM800 支援單鍵功能，可透過按住數字鍵來選擇或啟動常用的功能。

單鍵私人通話

MTM800 支援單鍵私人通話功能（如果服務供應商已設定此功能）。使用者按下指定的單鍵私人通話按鈕即可撥打上一個群組呼叫起始方的號碼。

注意






按住數字鍵以啟動單鍵功能所需的時間預設為 1 秒。但是，可由您的服務供應商將此時間設為其他值。

注意

有關指定至每個 F1 到 F3 或數字鍵的功能，請洽詢您的服務供應商。

可用字元清單：

按鍵	文數字模式
① !	., ? ! 0 1 @ ' " - () / : _ ; + & % * * = < > € £ \$ ¥ ¢ [] { } ~ ^ ^ ` ~ i \$ #
② abc	A B C 2 a b c 2
③ def	D E F 3 d e f 3
④ ghi	G H I 4 g h i 4
⑤ jkl	J K L 5 j k l 5
⑥ mno	M N O 6 m n o 6
⑦ pqrs	P Q R S 7 p q r s 7



按鍵	文數字模式
	T U V 8 t u v 8
	W X Y Z 9 w x y z 9
	空格 * / %
	0 + -
	# = < >

LED 狀態指示燈

LED 指示燈可用來顯示 MTM800 的各種狀態。

指示燈	狀態
持續綠燈	使用中
閃爍綠燈	在服務範圍
持續紅燈	不在服務範圍
持續紅燈	連接至網路/進入 DMO
持續橘燈	在服務範圍中傳輸抑制 (TXI)/ 在 DMO 中頻道忙線
先持續亮起然後 閃爍橘色	來電
無指示燈	關機

若要進入功能表選項

1. 在任意模式中，按 。
2. 捲動至所需的項目，按「確認」或  以進行選取。
3. 或者，輸入所需選項的對應數字。
通常按 **2 2 4** 即可進入「**4 記憶體使用量**」。

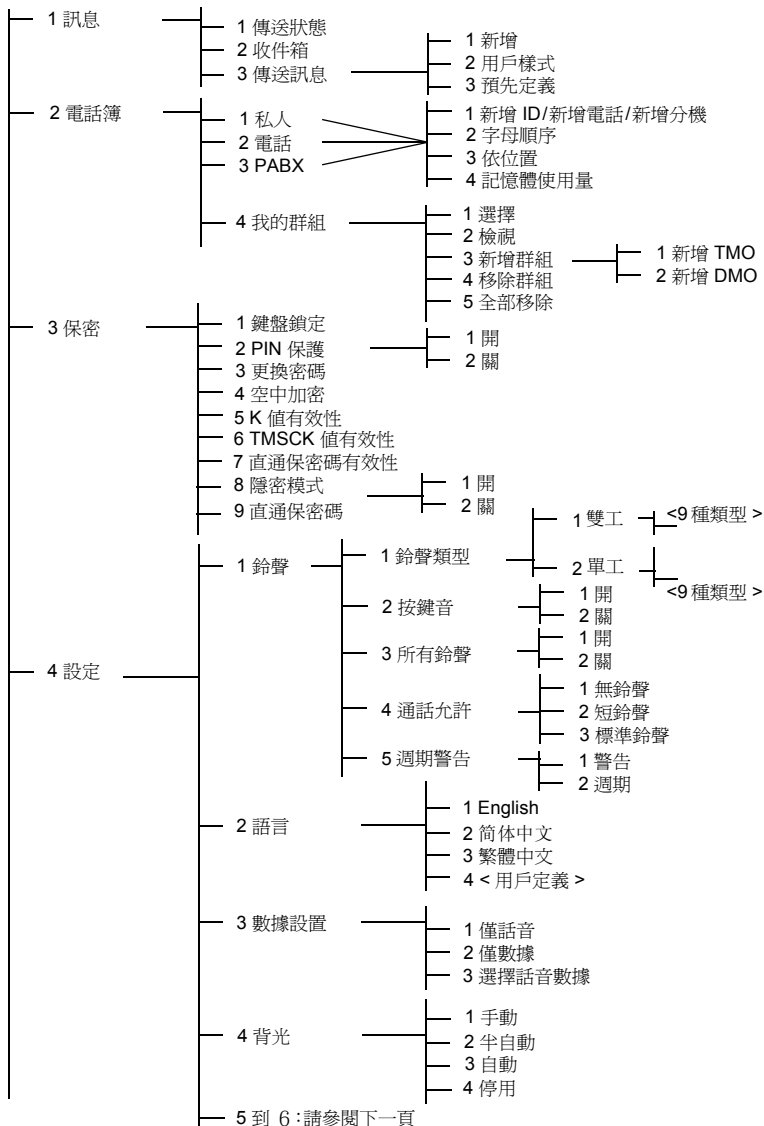
若要退出功能表選項

按「返回」或 。

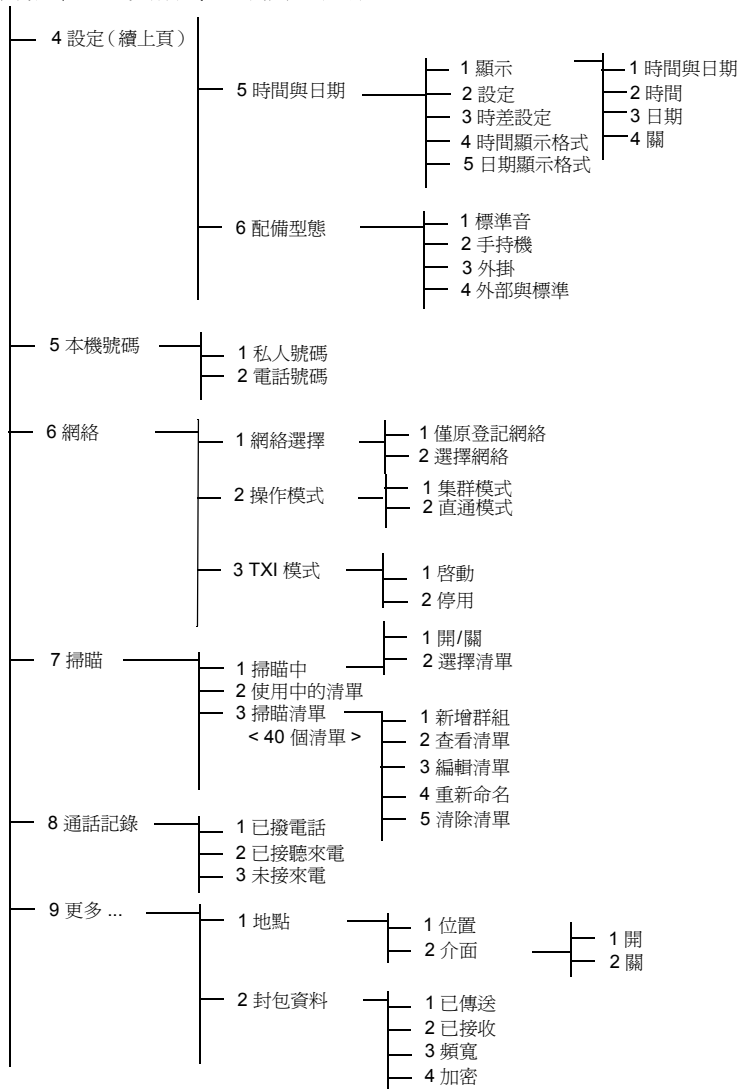
注意

如果經過一段時間未偵測到按鍵動作，MTM800 可能會退出功能表。

功能表選項清單



功能表選項清單 (續上頁)



注意




某些功能表編號可能與上述所列的不同，因為服務供應商可能會啓用/停用某些功能表選項。

螢幕顯示



顯示圖示

當啓動 MTM800 時，螢幕上會出現圖示以指出以下情況：

顯示圖示	說明
集群模式操作	
	訊號強度 (TMO) 可讓您檢查訊號強度。列數愈多，訊號愈強。
	優先掃描 指出 MTM800 已啓動優先掃描功能。
	數據已連接 當 MTM800 已成功連接至外部裝置，準備好傳輸資料時，就會顯示此狀態圖示。
	資料傳輸/接收 當 MTM800 正在與外部裝置（筆記型電腦或桌上型電腦）之間傳輸/接收資料時，就會顯示此狀態圖示。
直通模式操作	
	訊號強度 (DMO) 指出接收到直通模式群組呼叫。
	直通模式 當 MTM800 在直通模式時，就會顯示此狀態圖示。
	DMO 閘道 指出閘道已選取。圖示分爲三種狀態： 持續顯示 — 當 MTM800 與閘道同步時。 閃爍顯示 — 當 MTM800 未同步或正在附接。 無圖示 — 在對講機之間以及對講機對中繼器呼叫期間。
	DMO 中繼器 當在 DMO 選取中繼器選項時，就會顯示此狀態圖示。此圖示分爲三種狀態： 持續顯示 — 當對講機已偵測到中繼器（即，當對講機接收到出現訊號）。 閃爍顯示 — 當對講機未偵測到中繼器或正在附接。 無圖示 — 在對講機之間以及對講機對閘道呼叫期間。

顯示圖示	說明
一般圖示	
	未讀取的訊息 指出收件箱中有未讀取的訊息。
	已收到新訊息 如果對講機目前有進行中的活動，將不會開啓您的收件箱。此圖示會持續顯示以提示您收件箱中有新訊息。
	當處在緊急模式時 當 MTM800 在緊急模式時，就會顯示此圖示。

顯示長號碼或訊息

數字或訊息後方有三個點表示下頁中有接續的內容。按「**更多**」即可讀取下一頁「數字」，然後再次按「**更多**」即可返回上一頁。按  即可讀取下一頁「文字」，然後再次按  即可返回上一頁。

開始之前

啓動/關閉 MTM800（開/關按鈕）

若要**開機**，按住開/關按鈕。MTM800 會執行自我檢查和註冊常式。在成功註冊後，MTM800 就可開始使用。

若要**關機**，按住開/關按鈕。您會聽到一聲嗶聲，然後就會出現「**關機**」訊息。

啓動 MTM800（點火感應）

如果已將 MTM800 設為點火感應，當車輛的點火裝置作動時，對講機將會自動開機。

啓動 MTM800（緊急腳開關）

如果已連接緊急腳開關並已將 MTM800 關機，踩下緊急腳開關即可開機。MTM800 將會以緊急模式開機。

開機並啓用傳輸抑制

在開機時，仍會啓用 TXI 模式。

將會詢問您是否要維持啓動 TXI 模式。

**警告**

請務必確定已離開限制地區後，再停用傳輸抑制。

按「**是**」快捷鍵以停用 TXI 模式。如果 MTM800 之前處在集群模式 (TMO)，則會向網路註冊。如果 MTM800 之前處在直通模式，則仍會在直通模式中。

在集群模式中按「**否**」即可將 MTM800 關機；在 DMO（直通模式）中按「**否**」即會留在 DMO 模式並已選取 TXI。

解除安裝對講機



小心

選項 1：

在中斷連接 13.2V 主電源與對講機之前：

1. 關閉對講機。
 2. 在放開對講機的關機開關後，至少等待 4 秒。
- 中斷連接 13.2V 主電源。

選項 2：

關閉主電源但不將對講機關機。

解除鎖定 MTM800

您可在開機後將 MTM800 鎖定。

若要在開機後將 MTM800 解除鎖定，請在出現提示時輸入密碼。
MTM800 會進入預設的首頁畫面。

選擇 TMO 或 DMO 操作

進入 TMO 或 DMO

依下列一種方式進入 TMO 或 DMO：

- 如果 MTM800 在 DMO 中，按 **Menu** 6 2 1 (TMO)。
- 如果 MTM800 在 TMO 中，按 **Menu** 6 2 2 (DMO)。
- 按 TMO/DMO 單鍵按鈕（如果已由您的服務供應商設定）。

通話（集群模式操作）

TMO 群組呼叫

群組呼叫是指您和通話群組中其他人之間的通訊。通話群組是指預先定義的一組可參與及/或啟動群組呼叫的用戶。

通話群組可依**範圍**分組。每個範圍可包含數個通話群組。

進行 TMO 群組呼叫

1. 按 **Mode** 直到螢幕上已出現「群組模式」。
2. 如果出現所需的通話群組和範圍，請按住 **PTT**，等待通話允許音，然後對麥克風說話。
放開 **PTT** 即可收聽。
3. 如果顯示的不是您要呼叫的通話群組，請在通話群組之間捲動瀏覽。
4. 如果顯示的不是所需的範圍，請按「**選項**」，然後再按「**範圍**」。在範圍之間捲動瀏覽。按「**確認**」以選擇範圍，然後按「**返回**」以取消範圍捲動。

在開始進行呼叫時，在所選通話群組中所有已開機的成員都可接收到此傳輸。

注意

當您不在所選群組的正常服務涵蓋範圍時，就會出現「無群組」訊息。此時您必須選取在您工作地點中有效的新通話群組。

接聽 TMO 群組呼叫

除非 MTM800 正在進行通話，否則將會自動切換至群組模式並接收傳輸。若要回覆呼叫，只要按 **PTT** 即可。

MTM800 會顯示群組名稱以及來電者的私人號碼或別名（如果之前已儲存在您的電話簿中）。

注意

有關來電提示，請參閱鈴聲功能表中選項中的設定。

注意

當接收到群組呼叫時，您會聽到「新群組呼叫」音。

接聽 TMO 群組廣播呼叫

廣播呼叫（又稱為站台呼叫）為主控台操作員（或調度員）向所有使用者進行的高優先性群組呼叫。MTM800 已設定為監聽廣播呼叫，但是使用者無法回覆呼叫。

廣播呼叫會搶佔目前進行中具有相同（或較低）呼叫優先性的群組呼叫。

通話（直通模式操作）

DMO 群組呼叫

在 DMO 中，MTM800 可不需搭配您服務供應商的基礎設施使用。直通模式可允許和其他在直通模式中而且其使用的頻率和所屬的通話群組都與您的 MTM800 相同的對講機進行通訊。

注意

在 DMO 中，只能進行下列呼叫類型：群組呼叫、緊急群組呼叫和私人半雙工呼叫。

您可接收來自選取的通話群組和開放群組的呼叫。（開放群組是所有 DMO 群組的超群組（super-group））。

在開始進行呼叫時，在所選通話群組中所有已開機的成員都可接收到此傳輸。

如果 MTM800 中已啓用闢道選項，則在 DMO 中，MTM800 可與中繼系統（反之亦然）通訊。

進行 DMO 群組呼叫

1. 從功能表中選擇直通模式選項，即可進入「直通模式」。
2. 如果出現所需的通話群組和範圍，請按住 **PTT**，等待通話允許音，然後對麥克風說話。
放開 **PTT** 即可收聽。

接聽 DMO 群組呼叫

只有當 MTM800 在 DMO 中，才能接聽 DMO 群組呼叫。

MTM800 將會顯示來電者的私人號碼或別名，以及通話群組名稱。

退出 DMO

若要退出 DMO，請為 MTM800 選擇操作模式選項。



通話（私人和電話通話）

私人通話

私人通話（又稱為點對點或個別通話）是指兩人之間的通話。其他的對講機無法收聽此對話。此類通話可以是

- 在 TMO 中進行的全雙工通話（如果系統許可），或
- 在 TMO 或 DMO 中進行的標準半雙工通話。

撥打私人通話


1. 若要進入私人模式，反覆按  直到螢幕上出現私人模式。
2. 輸入要撥打號碼。
3. 按再放開 **PTT**。您會聽到鈴聲。等待對方接聽您的來電。
4. 按住 **PTT**。等待通話允許音（如果已設定）後再說話，然後放開 **PTT** 收聽對方答話。
5. 若要結束通話，請按 。如果對方結束通話，則會顯示「**通話結束**」訊息。
6. 按「**返回**」即可回到私人模式畫面。

注意


若傳輸抑制已啓動，當有私人通話來電就會發出提示，但是您無法接聽來電。

接聽私人通話

如果服務供應商已將 MTM800 設為自動模式切換：

1. MTM800 會自動切換至私人模式。螢幕會顯示來電者的身份。
2. 若要回覆來電，只要按 **PTT** 即可。
3. 若要結束通話，請按 。螢幕會自動返回收到來電之前的模式。

如果服務供應商已將 MTM800 設為自動模式切換：

1. 如果 MTM800 不在私人模式中，會立即出現「私人通話」訊息和來電者 ID。螢幕會返回收到來電之前的模式。
2. 若要接聽來電，按 **(Mode)**，然後再按 **PTT**。
3. 若要結束通話，請按 。

如果對方結束通話，則會顯示「通話結束」訊息。

注意

有關通話提示，請參閱鈴聲功能表中選項中的設定。

電話與 PABX 通話

電話模式可讓您撥打固定線路電話號碼或行動電話號碼。在本文件中，我們以「電話號碼」指稱此類號碼。

專用自動交換分機 (PABX) 模式可讓您撥打本端（辦公室）分機號碼。可由您的服務供應商啟動此類模式。

這兩種模式都提供相同的撥號功能。

注意

若傳輸抑制已啟動，當有電話或 PABX 來電就會發出提示，但是您無法接聽來電。

撥打電話或 PABX 通話

1. 按 **(Mode)** 直到螢幕上已出現「電話模式」。
如果需要 PABX 通話，請再按一下 **(Mode)**。「PABX 模式」會出現在螢幕上。
2. 依撥打和接收私人通話的方式進行。

VOX 控制

VOX（語音操作傳輸）功能可讓使用者以免持狀態傳送語音。在進行全雙工私人通話且電話通話使用掌上型麥克風時，對講機會自動偵測到音訊。

注意

只有當您的服務供應商設定此功能後才能使用。如果此功能已停用，按下 **PTT** 即可開始傳輸。

緊急情況模式


您可在**集群模式 (TMO)** 或**直通模式 (DMO)** 中撥打和接聽**緊急群組** 呼叫。如果您的對講機已設為透過開道操作，則可透過開道撥打緊急呼叫。

您可和選取的通話群組（TMO 和 DMO）之間撥打和接收緊急群組呼叫。

您的服務供應商將會設定緊急通報和緊急麥克風 (Hot Microphone) 功能。

在系統中會對緊急呼叫分配緊急優先性。

進入或退出緊急模式（TMO 和 DMO）

在任意模式中，若要進入緊急模式，請按**左緊急呼叫按鈕** 。

注意

按**緊急呼叫按鈕**所需的時間預設為 0.5 秒。可由您的服務供應商設定此時間值。

注意

有關通話提示，請參閱鈴聲功能表中選項中的設定。

若要退出緊急模式，按住「**返回**」。您將切換回標準群組模式。

靜音緊急呼叫模式


如果您的服務供應商已啓用靜音緊急呼叫模式，則在緊急呼叫模式下，各項操作都不會發出提示音或顯示訊息。

注意

唯一例外是私人緊急呼叫。

傳送緊急通報

在緊急模式中，MTM800 將會自動傳送緊急通報。此警報會：

- 在進入緊急模式時自動傳送
- 當 MTM800 在緊急模式時，再次按**緊急呼叫按鈕** .

在傳送警報後，螢幕會顯示下列一個傳送報告：

- **警告已傳送**
- **警告傳送失敗**

在這兩種情況下，螢幕都會在數秒內返回緊急模式主畫面。

由於在 DMO 中並不傳送確認，所以警告已傳送資訊確認僅會傳送警報。

注意

緊急通報為傳送至監聽選取通話群組的調度員之特殊狀態訊息。它可用於調度系統以反白顯示緊急呼叫。

注意

當使用者在「單站集群服務」區時，某些系統不支援緊急通報功能。



警告

按**緊急呼叫按鈕**後，即使已啓用傳輸抑制功能，仍會使 MTM800 立即進行傳輸。當 MTM800 進入緊急模式時，**不得**位在對 RF 敏感的地區。

緊急麥克風功能

如果您的服務供應商已在您的 MTM800 中程式設定了緊急麥克風 (Hot Microphone) 功能，則可進行緊急群組呼叫並和調度員（和通話群組成員）交談，而不需按住 **PTT**。

麥克風會持續啓動一段時間（由您的服務供應商程式設定）。麥克風會持續啓動直到：

- 設定的緊急麥克風啓動期間已逾期
- 在緊急麥克風啓動期間按 **PTT**
- 按**結束鍵**

在結束緊急麥克風功能時，會出現「**緊急麥克風結束**」訊息，而 MTM800 也會返回緊急模式。緊急麥克風功能會停用，而 PTT 操作會回到正常模式。

如有需要，您可再次按**緊急呼叫按鈕**，繼續啓用緊急麥克風功能。

進行緊急群組呼叫

- 緊急麥克風已啟用 – 若要啟動緊急群組呼叫，請按住**緊急呼叫按鈕**。
- 緊急麥克風已停用 – 若要啟動緊急群組呼叫，請按住**緊急呼叫按鈕**。當螢幕已變更為緊急群組呼叫，請按住 **PTT** 然後等待通話允許音（如果已設定）後再說話。放開 **PTT** 即可收聽。

訊息

傳送狀態訊息

選擇所需的群組，然後按「**Menu**」- 1 訊息 - 1 傳送狀態 - 確認」。選擇狀態然後按 **PTT** 以傳送狀態訊息。

傳送新訊息

按「**Menu**」- 1 訊息 - 3 傳送訊息 - 1 新增 - 確認」。寫下您的訊息。按「**選項**」然後選擇「**傳送**」。選擇您的郵件收件人或輸入號碼。按 **PTT** 以傳送新訊息。

傳送使用者定義訊息

按「**Menu**」- 1 訊息 - 3 傳送訊息 - 2 用戶樣式 - 確認」。捲動並選擇您所需的範本。按「**選項**」然後選擇「**傳送**」。選擇您的郵件收件人或輸入號碼。按 **PTT** 以傳送訊息。

傳送預先定義的訊息

按「**Menu**」- 1 訊息 - 3 傳送訊息 - 3 預先定義 - 確認」。捲動並選擇您所需的範本。按「**編輯**」以編輯訊息。輸入所需的資訊。按 **PTT** 以傳送訊息。

處理傳入的新文字訊息



圖示會在螢幕上閃爍，而且 MTM800 會發出提示音。

若要進入收件箱，按「**Menu**」- 1 訊息 - 2 收件箱 - 確認」。捲動至該訊息並選擇「**讀取**」快捷鍵。若要讀取長篇訊息，請按「**更多**」以讀取下一頁，並按「**退出**」以回到上一頁。

處理舊訊息

按「**Menu**」- 1 訊息 - 2 收件箱 - 確認」。捲動至所需訊息然後選擇「**選項**」。您可讀取、刪除單一訊息，或選擇相關選項以刪除所有訊息。

提示與秘訣

單鍵

您的服務供應商可對兩個側鍵和數字鍵 (0 – 9) 程式設定許多功能，例如 TMO/DMO 之間切換。

按住按鍵以檢視所程式設定的功能。

「我的群組」資料夾

您可選擇任意群組 (TMO 或 DMO) 然後將它新增至您的個人資料夾。

按「**Menu** – 2 電話簿 – 4 我的群組」以快速存取「我的群組」資料夾。

變更模式

反覆按 **Mode**，即可循環選擇群組、私人、電話和 PABX 模式。

在 TMO 和 DMO 之間切換

若要從 TMO 切換至 DMO，請按 **Menu 6 2 2**。

若要從 DMO 切換至 TMO，請按 **Menu 6 2 1**。

設定時間與日期

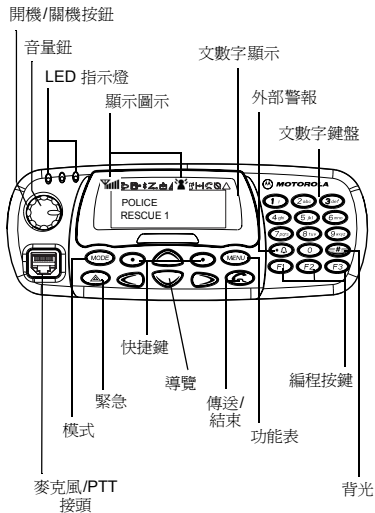
基礎設施會同步時間與日期。當不在基礎設施訊號範圍時，您可手動設定值。

- 若要設定時間和日期，請按 **Menu 4 5 2**。使用導覽鍵及/或文數字鍵盤輸入時間和日期。

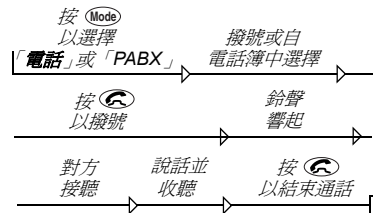
附註



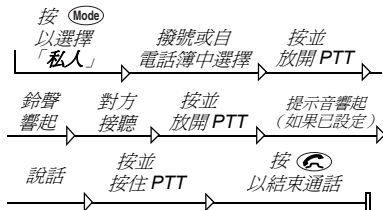
MTM800 車載台對講機 快速參考指南



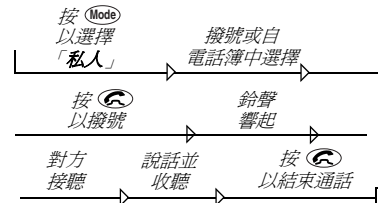
撥打電話/PABX 通話



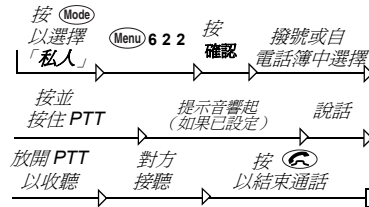
撥打 TMO 私人通話



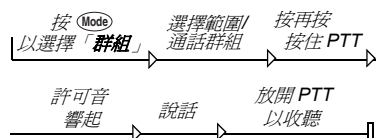
撥打 TMO 私人全雙工通話



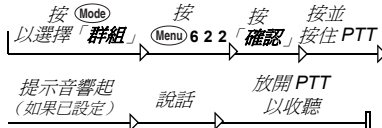
撥打 DMO 私人通話



進行 TMO 群組呼叫



進行 DMO 群組呼叫



進行 TMO 緊急群組呼叫

按住 (Call) 緊急通報會自動傳送。
在緊急模式中，按住 PTT 即可說話。如果使用緊急麥克風功能，請等到「緊急麥克


風啓動」訊息出現在螢幕上後，不需按 PTT 即可說話。

若要退出緊急模式，按住「返回」。

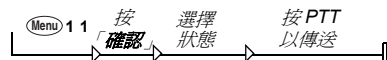
接聽來電

MTM800 會切換至來電模式並開始響鈴。

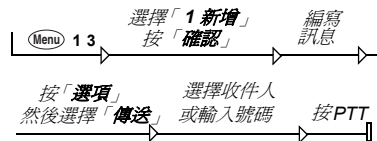
若要接聽來電，

- 按  (若為電話或 PABX 通話) 或
- 按 PTT (若為其他通話類型)。

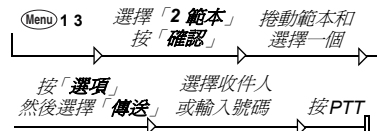
傳送狀態訊息



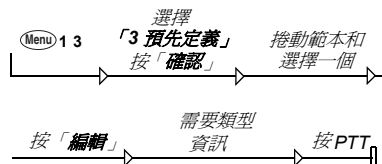
傳送新訊息




傳送使用者定義訊息

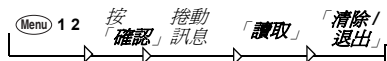


傳送預先定義的訊息

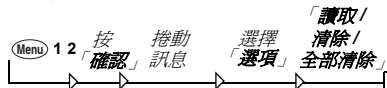


處理傳入的新文字訊息

 圖示會在螢幕上閃爍，而且 MTM800 會發出提示音（在自動模式切換 – 待接）。有關詳細資訊，請參閱本使用手冊中的「功能表訊息」一節。





處理舊訊息






上次撥出的號碼

在私人模式中，按 PTT 以撥打上次撥出的號碼。

在電話/PABX 模式中，按  以顯示上次撥出的號碼或是已撥出的號碼清單。如果出現清單，請捲動至所需的號碼。再次按  以撥號。

使用功能表

- 進入功能表：按 。
- 在功能表中捲動：按  或 。
- 選擇功能表選項：按「確認」。
- 退出功能表：按「返回」。

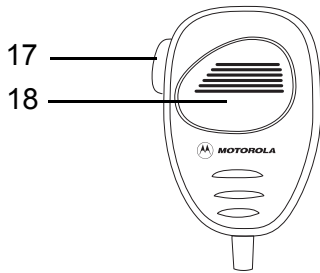
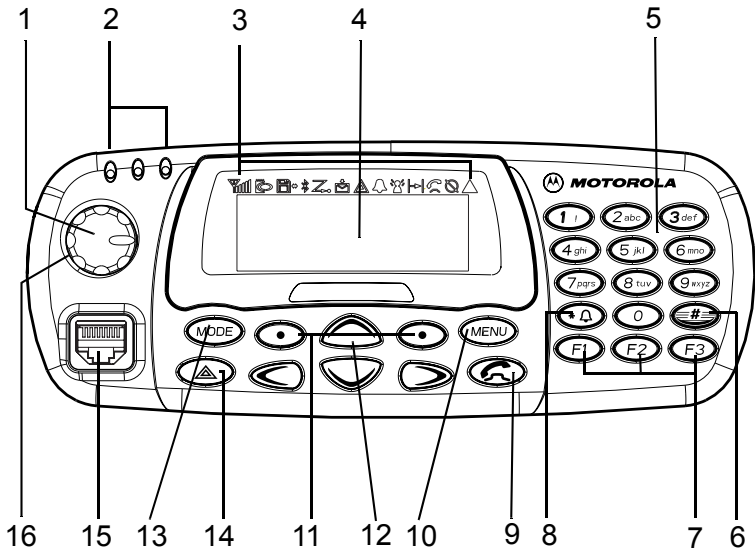


MTM800 TETRA Mobile Terminal Basic User Guide



6815291H01-U





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Safety Information



CAUTION

Before using these products, read the operating instructions for safe usage contained in the Product Safety and RF Exposure booklet 6804113J25 enclosed with your MTM800.

ATTENTION!

The accessories are restricted to occupational use only to satisfy ICNIRP RF energy exposure requirements. Before using the products, read the RF energy awareness information and operating instructions in the Product Safety and RF Exposure booklet (Motorola Publication part number 6804113J25) to ensure compliance with RF energy exposure limits.

Keep this **User Guide** and the **Product Safety and RF Exposure booklet** in a safe place and make it available to other operators in case the accessories are passed on to other people.

Disposal Information



The **European Union's Waste of Electrical and Electronic Equipment (WEEE)** directive requires that products sold into EU countries must have the crossed out trashbin label on the product (or the package in some cases). As defined by the WEEE directive, this cross-out trashbin label means that customers and end-users in EU countries should not dispose of electronic and electrical equipment or accessories in household waste.

Customers or end-users in EU countries should contact their local equipment supplier representative or service centre for information about the waste collection system in their country.

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Icon Conventions

The document set is designed to give the reader more visual cues. The following graphic icons are used throughout the documentation set. These icons and their associated meanings are described below.



WARNING

The signal word Warning with the associated safety icon implies information that, if disregarded, could result in death or serious injury, or serious product damage.



CAUTION

The signal word Caution with the associated safety icon implies information that, if disregarded, may result in minor or moderate injury, or serious product damage.

CAUTION

The signal word Caution may be used without the safety icon to state potential damage or injury that is not related to the product.

NOTE

Notes contain information more important than the surrounding text, such as exceptions or preconditions. They also refer the reader elsewhere for additional information, remind the reader how to complete an action (when it's not part of the current procedure, for instance), or tell the reader where something is located on the screen. There is no warning level associated with a Note.

MTM800 Overview

Controls and Indicators

The numbers below refer to the illustration on the inside front cover.

Number	Description
1	On-Off Key Used to turn the MTM800 On/Off (press and hold).
2	LED (Indicator)
3	Display Icons Show additional information and MTM800 status.
4	Alphanumeric Display Provides four lines of 16 characters with backlighting.
5	Alphanumeric Keypad Use the keypad to enter alphanumeric characters for dialing, address book entries and text messages.
6	Backlight Key Dims and intensifies the terminal's backlight.
7	Programmable Keys 1, 2 and 3
8	External Alarm Key Used to activate and deactivate the External Alarm (Horn & Lights).
9	Send/End Key Used to initiate or answer calls, end calls (not Group mode) or send status and text messages.
10	Menu Key Used to enter the main menu and scroll the menu options.
11	Soft Keys Press to select the option that appears directly above the left or right key on the display.
12	Navigation Keys Press up, down, left or right for list scrolling while moving around the menu hierarchy or for alphanumeric text editing.
13	Mode Key Used to change modes.
















Number	Description
14	Emergency Key Used to send Emergency Alarms (press and hold).
15	Microphone Connector Provides connection for a fist or desk microphone with PTT button, or the telephone style handset.
16	Volume Knob Adjusts the volume level.
17	Push-To-Talk Button (PTT) Press and hold this button to talk, release it to listen.
18	Microphone



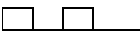
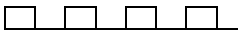
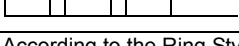


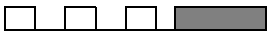


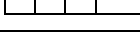
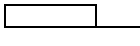
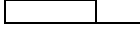

NOTE Before using your MTM800 for the first time, remove the plastic lens protector from the display.

Audio Signal Tones

= High Tone; = Low Tone;

Description	Type	Repeated
Idle		
<ul style="list-style-type: none"> • Back to Home display • Back to rotary volume use when rotary scroll timer expires • Back to coverage • Back to full service 	<input type="checkbox"/> _____	Once
Clear-to-send	<input type="checkbox"/> _____	Once
Bad key press	<input checked="" type="checkbox"/> _____	Once
<ul style="list-style-type: none"> • Good key press • MTM800 self-test fails at power up • From out-of-service to in-service 	<input type="checkbox"/> _____	Once
In Call		
Call clear warning	<input checked="" type="checkbox"/> _____	Once

Description	Type	Repeated
Call waiting tone while Phone or Private Call are pending		Every 6 seconds, until a call is terminated.
Data Connected or Data Disconnected		Once
Talk Permit sounds upon pressing the PTT.		Once (Normal Tone)
		Once (Short Tone)
Talk Permit without gateway sounds upon pressing PTT. The tone indicates the gateway is no longer available.		Twice
		Once
<ul style="list-style-type: none"> • Talk Prohibit • System busy • Time-out timer expire • Called terminal not available or busy 		Until you release the PTT.
	<ul style="list-style-type: none"> • Call disconnected or failed due to network • Wrong number dialed 	
DMO (Direct Mode) Entering/Exiting		Once
DMO Exiting		Once
Local site trunking — Entering/Exiting		Once
Phone ring back (sending)		Every three seconds, until the called user answers or call is rejected.
Phone busy		Every 0.5 seconds
Status message sent to the dispatcher or failed.		Twice
Incoming Calls		
Status message acknowledged by the dispatcher.		Four times

Description	Type	Repeated
Your MTM800 received a Group Call without gateway (setup only).		Once
High Priority Group Call received		Once
Emergency Alarm sent or received		Twice
Emergency Alarm failed		Four times
Emergency Call received		Once
Phone ring, full-duplex Private Call (reception)	According to the Ring Style sub-menu setting.	Until you answer or the call is rejected.
Private Call received	According to the Ring Style sub-menu setting.	Until you answer or the call is rejected.
Private Call ringing to the caller		Until the call is answered.
Half-duplex Private Pre-emptive Priority Call (PPC) ring		Every 4 seconds, until the call is answered or rejected.
Full-duplex Private PPC ring		Every 4 seconds, until the call is answered or rejected.
Limited Service		Once upon entering limited service.
New Mail Received		Once
New Group Call		Once
General		
Volume setting (earpiece, keypad, speaker)		Continuous
Volume setting (Ringer)		While setting the volume.
Transmit Inhibit (TXI)		Once

Periodic Alert

This feature can be disabled/enabled by the user.

Press  - **4 Setup - 1 Tones - 5 Periodic Alert** also to set the period of time between the indications.


Key and Button Overview

Mode Key


The MTM800 has four call modes when operating in Trunked Mode (TMO):

- Group mode – to send and receive Group Calls.
- Private mode – to send and receive Private Calls.
- Phone mode – to send and receive Phone Calls.
- PABX mode – to send and receive local (office) extension calls.


Group mode is the default mode to which your MTM800 returns when there is no activity for a few seconds.

To cycle through the Group, Private, Phone, and optional PABX modes, press  successively.


Soft Keys

Press  to select the option that appears in the screen directly above the left or right soft key.

Menu Key

Press  to enter the menu. The MTM800 menus allow you to control your MTM800 settings.

Emergency Button

Press and hold  from any mode to enter the Emergency mode.

NOTE

The required time you need to press the Emergency button is set as default to 0.5 seconds. This time may be set, however, by your service provider.

Function Keys

F1 to F3 Keys

These keys support the one-touch feature that allows you to select or activate commonly used features by pressing and holding a single key.

Numeric Keys

The MTM800 supports the one-touch feature that allows you to select or activate commonly used features by pressing and holding a numeric key.

One Touch Private Call







The MTM800 supports the one-touch private call if it is set by the Service Provider. User can dial the last group call originator number via pressing the assigned one touch private call button.

NOTE *The required time you need to press the Numeric keys to activate a one-touch function is set as default to 1 second. This time may be set, however, by your service provider.*

NOTE *For information on the function assigned to each F1 to F3 or Numeric key please refer to your service provider.*

List of Available Characters:

Key	Alphanumeric Mode
① !	.,?!01@'"-()/:~;+&%x*=<>€£\$¥¤□[] { } \ ^ ` ~ ! ¢ § #
② abc	A B C 2 a b c 2
③ def	D E F 3 d e f 3
④ ghi	G H I 4 g h i 4
⑤ jkl	J K L 5 j k l 5
⑥ mno	M N O 6 m n o 6

Key	Alphanumeric Mode
	P Q R S 7 p q r s 7
	T U V 8 t u v 8
	W X Y Z 9 w x y z 9
	Space * / %
	0 + -
	# = < >

The LED Status Indicator

The LED indicator shows the states of your MTM800.

Indicator	Status
Solid GREEN	In use
Blinking GREEN	In service
Solid RED	Out of service
Solid RED	Connecting to a network / Entering DMO
Solid ORANGE	Transmit Inhibit (TXI) in service / Channel busy in DMO
First solid then blinking ORANGE	Incoming call
No indication	Switched off

To Enter the Menu Options

1. From any mode, press **Menu**.
2. Scroll to the required option, press **Ok** or **➤** to select.
3. Alternatively, key the numbers of the required option, typically **2 2 4** to reach **4 Mem Usage**.

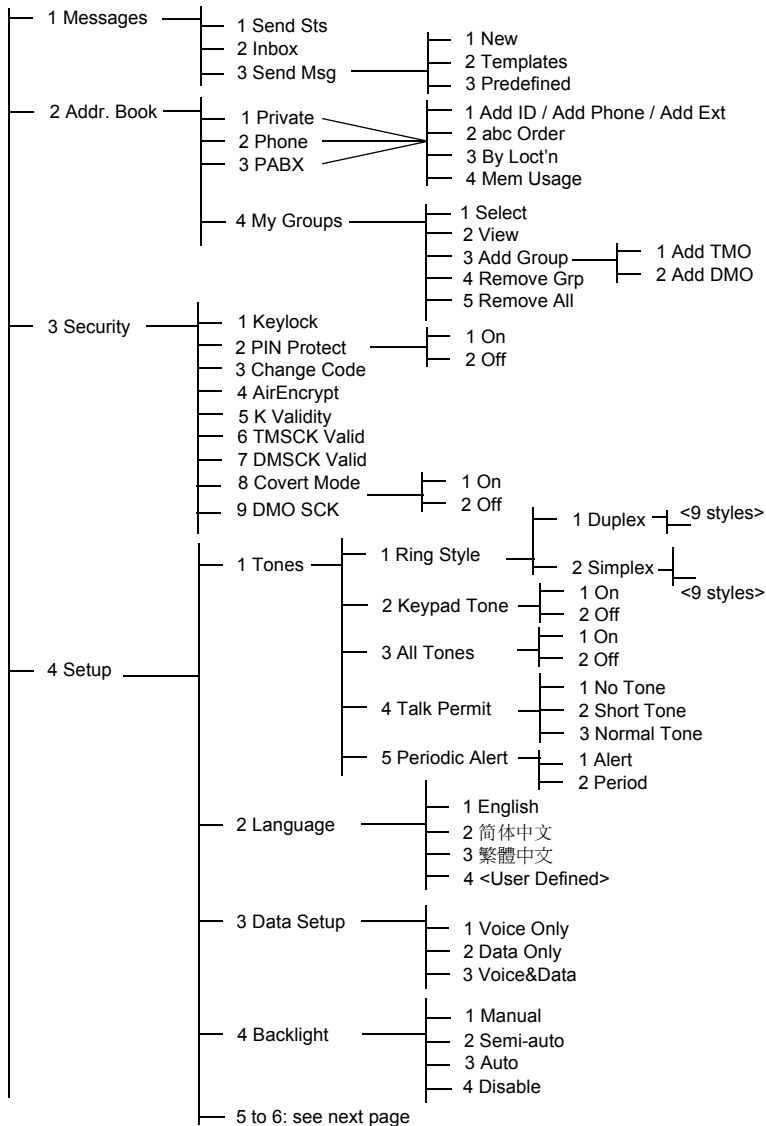
To Exit the Menu Options

Press **Back** or **◀**.

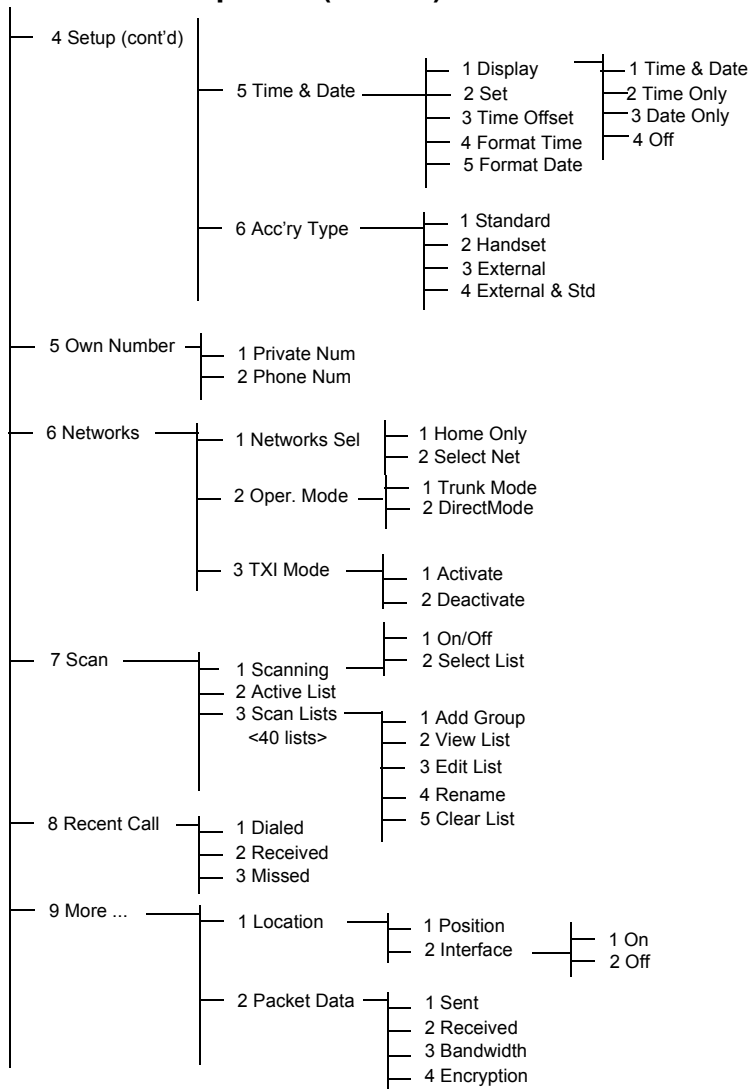
NOTE

Your MTM800 may exit if no key presses are detected for a time-out period.

List of Menu Options



List of Menu Options (Cont'd)










NOTE





Some menu numbers may be different than the listed as some menu options can be enabled/disabled by your Service Provider.

The Display



Display Icons

When you turn on your MTM800, icons appear along the top of the display to indicate the following conditions:

Display Icon	Description
Trunked Mode Operation	
	Signal Strength (TMO) Allows you to check signal strength. More bars indicate a stronger signal.
	Priority Scan Indicates priority scanning is activated in the MTM800.
	Data Connected Displayed when the MTM800 is successfully connected to an external device and ready for data transfer.
	Data Transmit/Receive Displayed when the MTM800 is transferring data to/receiving data from the external device (laptop or desktop PC).
Direct Mode Operation	
	Signal Strength (DMO) Indicates an incoming Direct Mode Group Call.
	Direct Mode Displayed when the MTM800 is in Direct mode.
	DMO Gateway Indicates that gateway is selected. The icon has three states: Solid — while the MTM800 is synchronised with the gateway. Blinking — while the MTM800 is not synchronised or during attachment. No icon — during a terminal to terminal and repeater call.

Display Icon	Description
	<p>DMO Repeater Displayed when the repeater option in DMO is selected. This icon has three states: Solid — while the terminal has detected the repeater (i.e., when the terminal receives a presence signal). Blinking — while the terminal has not detected the repeater or during attachment. No icon — during a terminal to terminal and gateway call.</p>
General Icons	
	<p>Unread Message Indicates that you have unread messages in your Inbox.</p>
	<p>New Message Has Arrived Your Inbox could not open due to an on-going activity. The icon remains to remind you of new messages in your Inbox.</p>
	<p>Emergency Appears while the MTM800 is in Emergency mode.</p>

Displaying Long Numbers or Messages

Three dots after a number or message indicate that it continues on the next page. Press **More** to read the next “numerical” page and **More** again to return to the previous page. Press  to read the next “text” page and  to return to the previous page.

Getting Started

Powering the MTM800 On/Off (On/Off Button)

To power **On**, Press and hold the On/Off push button. Your MTM800 performs a self-check and registration routine. After successful registration, the MTM800 is in service.

To power **Off**, press and hold the On/Off push button. You will hear an audible beep and the **Powering Off** message is displayed.

Powering On the MTM800 (Ignition Sense)

If the MTM800 is configured with ignition sense, the terminal will automatically turn on whenever the vehicle ignition is turned on.

Powering On the MTM800 (Emergency Foot Switch)

If an Emergency Foot Switch is connected and the MTM800 is powered off, press the Emergency Foot Switch to power on. The MTM800 will power on in Emergency mode.

Powering On with Transmit Inhibit Active

The TXI Mode remains active at power On.

You will be asked whether to leave the TXI Mode On or not.



WARNING

Ensure you have left the restricted area before deactivating Transmit Inhibit.

Press the **Yes** soft key to deactivate the TXI Mode. If the MTM800 was previously used in Trunked Mode (TMO), it will register to the network. If the MTM800 was previously used in Direct Mode (DMO) it will remain in Direct Mode.

Press **No** in Trunked Mode and the MTM800 powers down; press **No** in DMO mode and you remain in DMO with TXI selected.

Uninstalling the Radio



CAUTION

OPTION 1:

Before disconnecting the 13.2V main power supply from the radio:

1. Switch off the radio.
2. Wait for a minimum of 4 seconds after the radio Off Switch is released.

Disconnect the 13.2V main power supply.

OPTION 2:

Turn off the main power supply **WITHOUT** switching OFF the radio.

Unlocking the MTM800

Your MTM800 may be locked at power up.

To unlock the MTM800 after powering on, enter the code at the prompt. The MTM800 enters the default home mode.

Selecting TMO or DMO Operation

Entering TMO or DMO

Enter TMO or DMO in one of the following ways:

- Press **Menu** **6 2 1** (TMO) if the MTM800 is in DMO.
- Press **Menu** **6 2 2** (DMO) if the MTM800 is in TMO.
- Press the TMO/DMO one-touch button (configured by your Service Provider).

Calls (Trunked Mode Operation)

TMO Group Calls

A Group Call is a communication between you and others in a talkgroup. A Talkgroup is a pre-defined set of subscribers enabled to participate in and/or invoke a Group Call.

Talkgroups are divided into **ranges**. Each range may contain several talkgroups.

Making a TMO Group Call

1. Press **Mode** until “Group Mode” appears on your display.
2. If this is the required talkgroup and range, press and hold the **PTT**. Wait for the talk permit tone and then speak into the microphone.
Release the **PTT** button to listen.
3. If you wish to call a talkgroup other than the one shown, scroll through the talkgroups.
4. To select a range other than the one shown, press **Optns**, followed by **Range**. Scroll through the ranges. Press **Ok** to select the range, press **Back** to cancel range scrolling.

When you start a call, all members of the selected talkgroup who have their units turned on, will receive the transmission.

NOTE

The “No Group” message is displayed when you are out of the normal coverage area of your selected talkgroup. You must then select a new talkgroup that is valid for your working location.

Receiving a TMO Group Call

Unless it is engaged in an active call, your MTM800 will automatically switch to Group Mode and receive the transmission. To answer the call, press and hold **PTT**.

Your MTM800 shows the Group name and the caller's private number or alias if previously stored in your address book.

NOTE *When receiving a Group call, you will hear a "New Group Call" tone.*

NOTE *For incoming call alert, see settings in the Tones menu option.*

Receiving a TMO Broadcast Call

The Broadcast Call (also called Site Wide Call) is a high-priority group call from the console operator (or dispatcher) to all users. The MTM800s are configured to monitor a Broadcast Call, but users cannot talk back.

The Broadcast Call pre-empts an on-going Group Call that has the same (or lower) call priority.

Calls (Direct Mode Operation)

DMO Group Calls

In DMO, the MTM800 can be used without your Service Provider's infrastructure.

Direct Mode allows communication with other terminals also operating in Direct Mode, which are on the same frequency and talkgroup as your MTM800.

NOTE *In DMO it is only possible to place the following call types: Group Calls, Emergency Group Calls and Private Half-duplex Calls.*

You can receive a call from the selected talkgroup and from an open group. (An open group is a super-group of all DMO groups.)

When you start a call, the members of the selected talkgroup who have their units turned on will receive the transmission.

In DMO the MTM800 can communicate with the trunking system (and vice-versa) if the Gateway option is enabled in the MTM800.

Making a DMO Group Call

1. Enter **Direct Mode** by selecting the Direct Mode option via the menu.
2. If this is the required talkgroup and range, press and hold the **PTT** button. Wait for the talk permit tone and then speak into the microphone.

Release the **PTT** button to listen.

Receiving a DMO Group Call

You can receive a DMO Group Call only when your MTM800 is in DMO.

Your MTM800 will display the caller's private number or alias, and the talkgroup name.

Exiting DMO

To exit DMO, select the Operating Mode option your MTM800 should be operating on.



Calls (Private and Phone Calls)

Private Call

A Private Call, also called Point-to-Point or individual call, is a call between two individuals. No other terminal can hear the conversation. This call can be

- a full-duplex call (if the system allows) in TMO, or
- a standard half-duplex call in TMO or DMO.

Making a Private Call


1. To enter the Private Mode, press  until Private Mode appears on the display.
2. Enter the number of the person you wish to call.
3. Press and release the **PTT** button. You will hear a ringing tone. Wait for the called person to answer your call.
4. Press and hold **PTT**. Wait for the talk permit tone (if configured) before talking, and release the **PTT** when listening.
5. To end the call, press . If the called person ends the call, the **Call Ended** message is displayed.
6. Press **Back** to return to the Private Mode display.

NOTE


While Transmit Inhibit is activated, an incoming Private Call is indicated, but it is not possible to answer the call.

Receiving a Private Call

If the Service Provider configured the MTM800 to Automatic Mode Switch:

1. The MTM800 automatically switches to Private Mode. The display shows the caller's identity.
2. To answer the incoming call, press **PTT**.
3. To end the call, press . The display returns automatically to the mode it was in before the incoming call arrived.

If the Service Provider configured the MTM800 to Manual Mode Switch:

1. If the MTM800 is **NOT** in Private Mode, a **Prvt Call** message and the caller ID is displayed momentarily. The display returns to the mode it was in before the incoming call arrived.
2. To answer the call, press **Mode**, and then the **PTT** key.
3. To end the call, press .

If the called person ends the call, the **Call Ended** message is displayed.

NOTE For call alert, see settings in the Tones menu option.

Phone and PABX Calls

The **Phone Mode** allows you to call a landline telephone number or a cellular mobile phone number. In this publication we use “phone number” when referring to these numbers.

The **Private Automatic Branch Exchange (PABX) Mode** allows you to call local (office) extension numbers. This mode needs to be activated by your Service Provider.

Both modes have the same dialling features.

NOTE While Transmit Inhibit is activated, an incoming Phone or PABX Call is indicated, but it is not possible to answer the call.

Making a Phone or PABX Call

1. Press **Mode** until **Phone Mode** appears on your display.
If a PABX call is required, press **Mode** again. **PABX Mode** appears on your display.
2. Proceed as for making and receiving Private phone calls.

VOX Control

VOX (Voice Operating Transmission) allows the user to transmit voice in a hands-free condition. The radio is detecting audio automatically when full duplex private call and telephone call use the fist microphone.

NOTE

This feature is only available if set up by your Service Provider. If it is disabled, transmission can start upon pressing PTT.

Emergency Mode


You can send and receive **Emergency Group Calls** in **Trunked Mode (TMO)** or in **Direct Mode (DMO)**. If your terminal is configured to operate through a gateway, Emergency calls can be placed through the gateway.

You can initiate an Emergency Group Call to and receive it from the selected talkgroup (TMO and DMO).

Your Service Provider will configure the Emergency Alarm and Hot Microphone features.

Emergency calls will be allocated emergency priority in the system.

Entering or Exiting Emergency Mode (TMO & DMO)

To enter Emergency mode from any mode, press **and hold** the emergency key .

NOTE

The required time you need to press the Emergency button is set to default to 0.5 seconds. The time can be configured by your Service Provider.

NOTE

For call alerts, see settings in the Tones menu option.

To exit Emergency mode, press and hold **Back**. You will switch to normal Group mode.

Invisible Emergency Mode


If the Invisible Emergency Mode is enabled by your Service Provider, all the audible and visible indications for operations in Emergency Mode are disabled.

NOTE

Only the Emergency Private Call is exception for this feature.

Sending an Emergency Alarm

Your MTM800 will automatically send an Emergency Alarm when in Emergency mode. This is sent:

- automatically, upon entering Emergency mode
- if you press the Emergency key  again while the MTM800 is in Emergency mode.

After sending the alarm, the screen will show one of the following delivery reports:

- **Alarm Sent**
- **Alarm Failed**

In both cases the screen returns within a few seconds to the main screen of the Emergency mode.

Due to no delivery confirmation in DMO, Alarm Sent information confirms only sending the alarm.

NOTE *Some systems do not support the Emergency Alarm feature when the user is in a “Local Area Service” area.*

NOTE *The Emergency Alarm is a special status message sent to the dispatcher monitoring the selected talkgroup. This can be used in dispatch systems to highlight emergency calls.*



WARNING

*Pressing the Emergency button, even if Transmit Inhibit is activated, causes the MTM800 to radiate immediately. The MTM800 must **NOT** be within the RF sensitive area when entering Emergency mode.*

Hot Microphone Feature

If the Hot Microphone feature was programmed into your MTM800 by your Service Provider, you can make an Emergency Group Call and talk to the dispatcher (and members of your talkgroup) without the need to press and hold the **PTT**.

The microphone will stay open for a time period (programmed by your Service Provider). The microphone will stay open until:

- the Hot microphone time period expires
- you press **PTT** during the Hot Microphone period
- you press the **End** key

At the end of the Hot Microphone the **Emgcy Mic Ended** message will be displayed and the MTM800 reverts back to the Emergency Mode. The Hot Microphone feature is disabled and PTT operation returns to normal.

If required you can resume Hot Microphone by pressing the emergency key again.

Making an Emergency Group Call

- Hot Microphone enabled – to initiate an Emergency Group Call, press and hold **Emergency Button**.
- Hot Microphone disabled – to initiate an Emergency Group Call, press and hold **Emergency Button**. When the display has changed to Emergency Group Call hold **PTT** and wait for talk permit tone (if configured) and talk. Release the PTT to be able to listen.

Messages

Sending a Status Message

Select the desired group, then press **Menu** – **1 Messages** – **1 Send Sts** – **OK**. Select status and press **PTT** to send the status message.

Sending a New Message

Press **Menu** – **1 Messages** – **3 Send Msg** – **1 New** – **OK**. Write your message. Press **Optns** and select **Send**. Select your mail recipient or enter number. Press **PTT** to send the new message.


Sending a User-defined Message

Press **Menu** – **1 Messages** – **3 Send Msg** – **2 Templates** – **OK**. Scroll and choose your required template. Press **Optns** and select **Send**. Select your mail recipient or enter number. Press **PTT** to send the message.

Sending a Predefined Message

Press **Menu** – **1 Messages** – **3 Send Msg** – **3 Predefined** – **OK**. Scroll and choose your required template. Press **Edit** to edit the message. Type required information. Press **PTT** to send the message.

Handling New Incoming Text Messages

The  icon will blink on your display and the MTM800 sounds a tone.

To enter the Inbox press **Menu** – **1 Messages** – **2 Inbox** – **OK**. Scroll to the messages and select **Read** soft key. To read a long message, press **More** to read the next page and **Exit** to return to the previous page.

Handling Old Messages

Press **Menu** – **1 Messages** – **2 Inbox** – **OK**. Scroll to the messages and select **Optns**. You can read, erase one message or erase all by selecting the relevant option.

Tips & Tricks

One Touch

Your Service Provider can program the two Side keys and the Numeric keys (0 – 9) to many functions such as TMO to DMO switching and vice-versa.

Press and hold the keys to see to which function they are programmed.

“My Groups” Folder

You can select any group (TMO or DMO) and add it to your personal folder.

Press **Menu** – **2 Addr. Book** – **4 My Groups** to quickly access your “My Groups” folder.

Mode Change

To cycle through the Group, Private, Phone, and PABX modes, press **Mode** successively.

Switching between TMO and DMO

To switch from TMO to DMO press **Menu** **6 2 2**.

To switch from DMO to TMO press **Menu** **6 2 1**.

Setting Time & Date

Time and date are synchronized by the infrastructure. When not within the infrastructure signal range you can set the values manually.

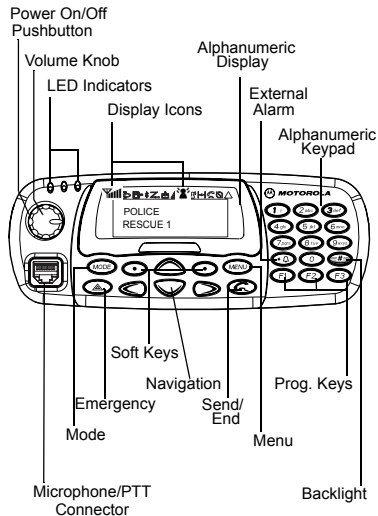
- To set time and date press **Menu** **4 5 2**. Enter time and date using navigation key and/or alphanumeric keypad.

Notes

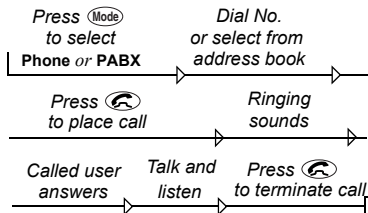


MTM800 Mobile Terminal

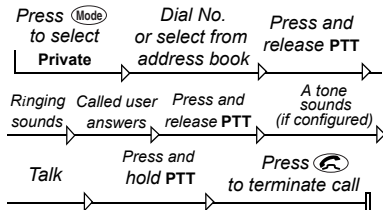
Quick Reference Guide



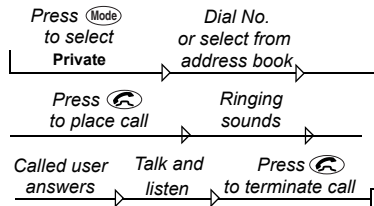
Making a Phone/PABX Call



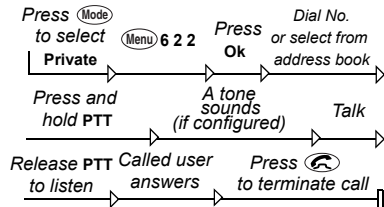
Making a TMO Private Call



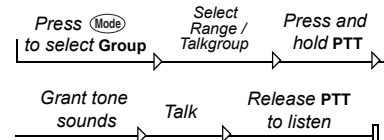
Making a TMO Private Full-duplex Call



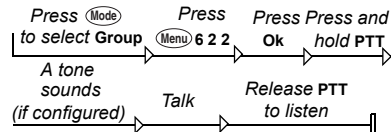
Making a DMO Private Call



Making a TMO Group Call



Making a DMO Group Call



Making a TMO Emergency Group Call


Press and hold **(Emergency)**. Emergency Alarm is sent automatically.

While in Emergency Mode, press and hold **PTT** to talk. If using Hot Mic feature, wait for the **Emergency Mic On** message to be displayed, and talk without pressing **PTT**.

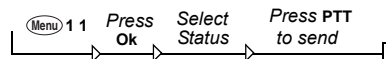
To exit Emergency Mode press and hold **Back**.

Answering a Call

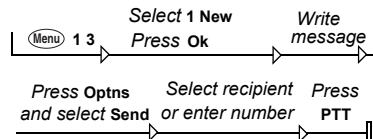
Your MTM800 switches to the mode of the incoming call and starts ringing. To answer the call,

- press  for a Phone or PABX call or
- press **PTT** for all other calls.

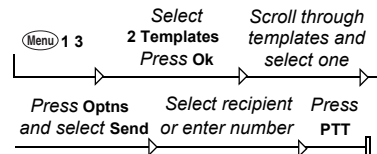
Sending a Status Message



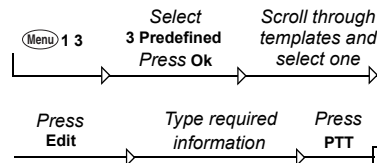
Sending a New Message




Sending a User defined Message

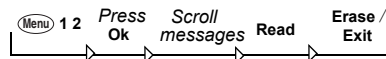


Sending a Predefined Message



Handling New Incoming Text Messages

The  icon will flash on your display and the MTM800 sounds a tone (in Auto Mode Switch – Pending). For details see the Menu Messages section in the User Guide.





Handling Old Messages






Last Number Redial

In Private Mode, press **PTT** to call the last called number.

In Phone/PABX mode, press  to display last called number, or a list of last called numbers. If list present, scroll to desired number. Press  again to call.

Using the Menu

- Entering the menu: Press .
- Scrolling through the menu: Press  or .
- Selecting a menu option: Press **Ok**.
- Exiting the menu: Press **Back**.