

Návod k použití

Midland XT70 Twin

Duálpásmová (PMR446/LPD) vysílačka | dosah až 12 km | 24 PMR + 69 LPD kanálů

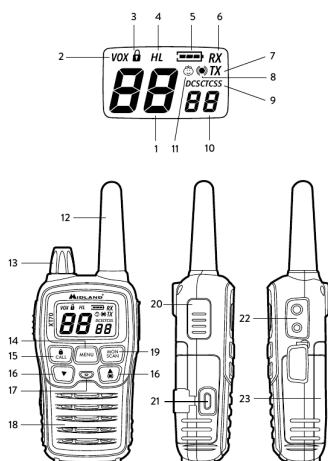
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Midland XT70 Twin

Midland XT70 Twin je dual-band PMR446/LPD vysílačka s dosahem až 12 km — vlajkový model řady XT. Vyznačuje se výkonným akumulátorem 1000mAh (AA), výdrží až 17 hodin, rychlou 4h nabíječkou a funkcí Baby Sitter.

Kromě 24 PMR a 69 LPD kanálů nabízí Out of Range funkci (automatická/manuální), hlasitostní kolečko, širší LCD displej s podsvícením a dvě náhlavní soupravy MA21L v balení. VOX s 9 stupni, 38 CTCSS + 83 DCS tónů.

Identifying the parts



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LCD Display

1. **Selected channel** (P1-P8/P9-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **HL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **Battery status indicator**
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **Out of range** - It appears when you are operating with the Out of range function
9. **CTCSS/DCS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **Baby Sitter** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼** - **controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

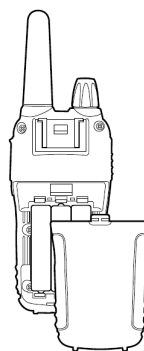
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.
To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **Tx** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **Tx** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/🔒** for about 3 seconds and **🔒** will be displayed as confirmation. Only **PTT** and **CALL/🔒** remain active. To disable this function, keep pressed again **CALL/🔒** for 3 seconds approx.

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Hlavní funkce

- 24 PMR446 kanálů + 69 LPD kanálů (duální pásmo)
- 38 CTCSS a 83 DCS tónů
- VOX (9 stupňů citlivosti)
- Baby Sitter funkce
- Out of Range funkce (automatická/manuální)
- Hlasitostní kolečko
- Výdrž baterie až 17 hodin, rychlá nabíječka (4h)
- LCD displej s podsvícením
- Zámek klávesnice + Roger Beep
- V balení 2x náhlavní souprava MA21L

Ovládání

1. Stiskněte a podržte tlačítko zapnutí (bočně) pro zapnutí/vypnutí.
2. Krátkým stiskem PTT (bočního tlačítka) odvyšlejte zprávu — uvolněte pro přijímání.
3. Otočným kolečkem nebo tlačítky zvolte kanál. Oba přístroje musí být na stejném kanálu.
4. Nastavení CTCSS: stiskněte MENU přejděte na SUB AUDIO TONES vyberte tón.
5. Funkce VOX: aktivujte v MENU nastavte citlivost (3 úrovně).
6. CALL: stiskněte tlačítko CALL pro odeslání tónového signálu partnerovi.
7. SCAN: stiskněte a podržte SCAN pro prohledávání kanálů — zastaví se na obsazeném kanálu.
8. Zámek kláves: podržte MENU 3 sekundy pro aktivaci/deaktivaci.

Napájení a nabíjení

- Vložte 3 nabíjecí baterie AAA 300mAh (nebo alkalické AAA) do baterového prostoru.
- Nabíjení přes mikro USB: připojte příložený USB kabel ke zdroji napájení (PC nebo USB nabíječka).
- Při nabíjení svítí indikátor — po nabití zhasne.
- NEDOPORUČENO míchat nabíjecí a alkalické baterie.
- Pro cestovní použití jsou vhodné alkalické baterie AAA (nejsou součástí balení).

Bezpečnostní pokyny

- ! Přístroj neotvírejte — opravy svěřte autorizovanému servisu.
- ! Nepoužívejte agresivní čisticí prostředky, alkohol ani rozpouštědla.
- ! Nenabíjejte alkalické baterie — může dojít k úniku elektrolytu, výbuchu nebo požáru.
- ! Nemíchejte staré a nové baterie ani různé typy baterií.
- ! Nevhazujte baterie do ohně — baterie likvidujte dle místních předpisů.
- ! Při pádu do vody přístroj ihned vypněte a nechte zkontrolovat servisem.
- ! Používejte pouze specifikovanou nabíječku — jiná může poškodit zařízení.

Technické parametry

Frekvence PMR	446,00625–446,09375 MHz
Frekvence LPD	433,075–434,775 MHz
Kanály	24 PMR446 + 69 LPD
Výkon	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 tónů
Dosah	až 12 km PMR (otevřené prostranství)
Akumulátor	1000 mAh NiMH (3× AA)
Výdrž	až 17 hodin
Rychlé nabíjení	4 hodiny
Rozměry	58 × 120 × 33 mm
Hmotnost	113 g (bez baterií)
Příslušenství	2-pin MIC/SPK jack + kolečko hlasitosti

Obsah balení

- 2× vysílačka Midland XT70 s opaskovým klipem
- 1× USB kabel
- 1× dvojité rychlá dobíjecí základna
- 2× dobíjecí akumulátor 1000 mAh NiMH (AA)
- 2× náhlavní souprava MA21L
- 1× návod k použití

Záruční podmínky a výrobce

Výrobce: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Itálie | www.midlandeurope.com

Záruční doba: 24 měsíců od data zakoupení.

Návod na použitie

Midland XT70 Twin

Dvoj pásmová (PMR446/LPD) vysielaciačka | dosah až 12 km | 24 PMR + 69 LPD kanálov

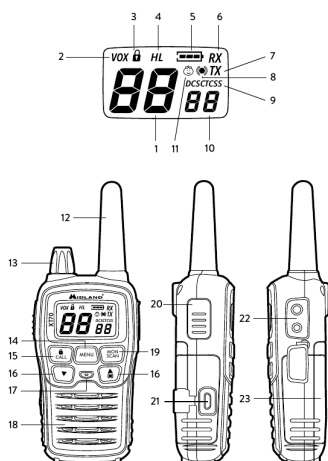
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Midland XT70 Twin

Midland XT70 Twin je dual-band PMR446/LPD vysílačka s dosahom až 12 km — vlajkový model radu XT. Vyznačuje sa výkonným akumulátorom 1000mAh (AA), výdržou až 17 hodín, rýchlou 4h nabíjačkou a funkciou Baby Sitter.

Okrem 24 PMR a 69 LPD kanálov ponúka funkciu Out of Range (automatická/manuálna), hlasitostné koliesko, širší LCD displej s podsvietením a dve náhlavné súpravy MA21L v balení. VOX s 9 stupňami, 38 CTCSS + 83 DCS tónov.

Identifying the parts



LCD Display

1. **Selected channel** (P1-P8/9P-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **KL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **B** - Battery status indicator
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **OR** - It appears when you are operating with the Out of range function
9. **CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **BS** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼** - **controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

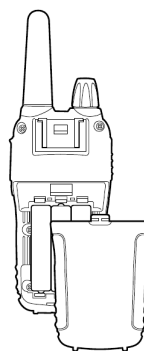
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.

To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **TX** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **TX** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/☐** for about 3 seconds and **☐** will be displayed as confirmation. Only **PTT** and **CALL/☐** remain active. To disable this function, keep pressed again **CALL/☐** for 3 seconds approx.

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Hlavné funkcie

- 24 PMR446 kanálov + 69 LPD kanálov (duálne pásmo)
- 38 CTCSS a 83 DCS tónov
- VOX (9 stupňov citlivosti)
- Funkcia Baby Sitter
- Funkcia Out of Range (automatická/manuálna)
- Hlasitostné koliesko
- Výdrž batérie až 17 hodín, rýchla nabíjačka (4h)
- LCD displej s podsvietením
- Zámok klávesnice + Roger Beep
- 2x náhlavná súprava MA21L v balení

Ovládanie

1. Stlačte a podržte tlačidlo zapnutia (bočne) pre zapnutie/vypnutie.
2. Krátkym stlačením PTT (bočného tlačidla) odovysielate správu — uvoľnite pre prijímanie.
3. Otočným kolieskom alebo tlačidlami zvolte kanál. Oba prístroje musia byť na rovnakom kanáli.
4. Nastavenie CTCSS: stlačte MENU prejdite na SUB AUDIO TONES vyberte tón.
5. Funkcia VOX: aktivujte v MENU nastavte citlivosť (3 úrovne).
6. CALL: stlačte tlačidlo CALL pre odoslanie tónového signálu partnerovi.
7. SCAN: stlačte a podržte SCAN pre prehľadávanie kanálov.
8. Zámok klávesnice: podržte MENU 3 sekundy pre aktiváciu/deaktiváciu.

Napájanie a nabíjanie

- Vložte 3 nabíjacie batérie AAA 300mAh (alebo alkalické AAA) do baterového priestoru.
- Nabíjanie cez mikro USB: pripojte priložený USB kábel k zdroju napájania.
- Počas nabíjania svieti indikátor — po nabití zhasne.
- NEDOPORUČUJE SA miešať nabíjacie a alkalické batérie.

Bezpečnostné pokyny

- ! Prístroj neatvórajte — opravy zverte autorizovanému servisu.
- ! Nepoužívajte agresívne čistiace prostriedky, alkohol ani rozpúšťadlá.
- ! Nenabíjajte alkalické batérie — môže dôjsť k úniku elektrolytu, výbuchu alebo požiaru.
- ! Nemiešajte staré a nové batérie ani rôzne typy batérií.
- ! Nevhadzujte batérie do ohňa — batérie likvidujte podľa miestnych predpisov.
- ! Pri páde do vody prístroj ihneď vypnite a nechajte skontrolovať servisom.

Technické parametre

Frekvencia PMR	446,00625–446,09375 MHz
Frekvencia LPD	433,075–434,775 MHz
Kanály	24 PMR446 + 69 LPD
Výkon	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 tónov
Dosah	až 12 km PMR
Akumulátor	1000 mAh NiMH (3× AA)
Výdrž	až 17 hodín
Rýchle nabíjanie	4 hodiny
Rozmery	58 × 120 × 33 mm
Hmotnosť	113 g (bez batérií)

Obsah balenia

- 2× vysielacia Midland XT70 s opaskovým klipom
- 1× USB kábel
- 1× dvojité rýchla nabíjacia základňa
- 2× dobíjací akumulátor 1000 mAh NiMH (AA)
- 2× náhlavná súprava MA21L
- 1× návod na použitie

Záručné podmienky a výrobca

Výrobca: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Taliansko | www.midlandeurope.com
 Záručná doba: 24 mesiacov od dátumu zakúpenia.

Bedienungsanleitung

Midland XT70 Twin

Dualbandgerät (PMR446/LPD) | Reichweite bis 12 km | 24 PMR + 69 LPD Kanäle

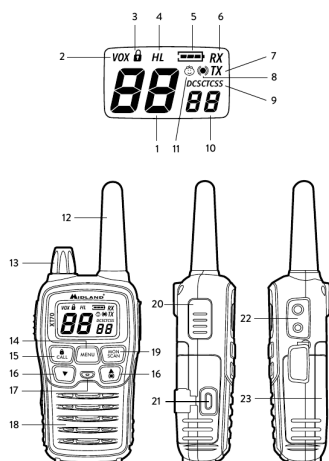
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Midland XT70 Twin

Das Midland XT70 Twin ist das Flaggschiff der XT-Serie — Dual-Band PMR446/LPD mit bis zu 12 km Reichweite. 1000mAh-NiMH-Akku (AA) für bis zu 17 Stunden Betrieb, Schnellladung in 4 Stunden, Baby-Sitter-Funktion.

Neben 24 PMR- und 69 LPD-Kanälen bietet es Out-of-Range-Funktion (auto/manuell), Lautstärkereglер, breites LCD mit Hintergrundbeleuchtung und zwei Headsets MA21L im Lieferumfang.

Identifying the parts



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LCD Display

1. **Selected channel** (P1-P8/9P-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **HL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **Battery status indicator**
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **Out of range function** - It appears when you are operating with the Out of range function
9. **DCS/CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **BS** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼** - **controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

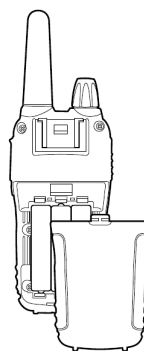
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.
To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **Tx** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **Tx** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/🔒** for about 3 seconds and **🔒** will be displayed as confirmation. Only **PTT** and **CALL/🔒** remain active. To disable this function, keep pressed again **CALL/🔒** for 3 seconds approx.

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Hauptfunktionen

- 24 PMR446-Kanäle + 69 LPD-Kanäle (Dualband)
- 38 CTCSS und 83 DCS-Töne
- VOX (9 Empfindlichkeitsstufen)
- Baby-Sitter-Funktion
- Out-of-Range-Funktion (auto/manuell)
- Lautstärkereglern
- Akkulaufzeit bis 17 h, Schnellladung 4 h
- LCD mit Hintergrundbeleuchtung
- Tastensperre + Roger Beep
- 2x Headset MA21L im Lieferumfang

Bedienung

1. Ein-/Ausschalten: Seitentaste gedrückt halten.
2. PTT (Sendetaste) kurz drücken zum Senden — loslassen zum Empfangen.
3. Kanal mit Drehrad oder Tasten wählen — beide Geräte auf gleichem Kanal.
4. CTCSS: MENU SUB AUDIO TONES Ton wählen.
5. VOX: im MENU aktivieren Empfindlichkeit wählen (3 Stufen).
6. CALL: CALL-Taste drücken für Tonsignal.
7. SCAN: SCAN-Taste halten zum Kanalsuchen.
8. Tastensperre: MENU 3 Sek. halten.

Stromversorgung und Laden

- 3 NiMH-Akkus AAA 300mAh (oder Alkali-AAA) in das Batteriefach einlegen.
- Laden via Micro-USB: beiliegendes Kabel mit Stromquelle verbinden.
- LED-Anzeige leuchtet beim Laden — erlischt bei vollständiger Ladung.
- NiMH- und Alkali-Batterien NICHT mischen.

Sicherheitshinweise

- ! Gerät nicht öffnen — Reparaturen nur durch Fachbetrieb.
- ! Keine aggressiven Reinigungsmittel, Alkohol oder Lösungsmittel verwenden.
- ! Alkali-Batterien nicht aufladen — Explosions- und Brandgefahr.
- ! Alte und neue Batterien oder verschiedene Typen nicht mischen.
- ! Batterien nicht ins Feuer werfen — gemäß lokalen Vorschriften entsorgen.
- ! Bei Wasserkontakt sofort ausschalten und Fachservice aufsuchen.

Technische Daten

PMR-Frequenz	446,00625–446,09375 MHz
LPD-Frequenz	433,075–434,775 MHz
Kanäle	24 PMR446 + 69 LPD
Sendeleistung	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 Töne
Reichweite	bis 12 km PMR (Freifeld)
Akku	1000 mAh NiMH (3× AA)
Akkulaufzeit	bis 17 Stunden
Schnellladung	4 Stunden
Abmessungen	58 × 120 × 33 mm
Gewicht	113 g (ohne Akkus)

Lieferumfang

- 2× Midland XT70 mit Gürtelclip
- 1× USB-Kabel
- 1× Doppel-Schnell-Ladestation
- 2× NiMH-Akku 1000 mAh (AA)
- 2× Headset MA21L
- 1× Bedienungsanleitung

Garantie und Hersteller

Hersteller: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Italien | www.midlandeuropa.com

Garantiezeitraum: 24 Monate ab Kaufdatum.

Instrukcja obsługi

Midland XT70 Twin

Radiotelefon dwuzakresowy (PMR446/LPD) | zasięg do 12 km | 24 PMR + 69 kanałów LPD

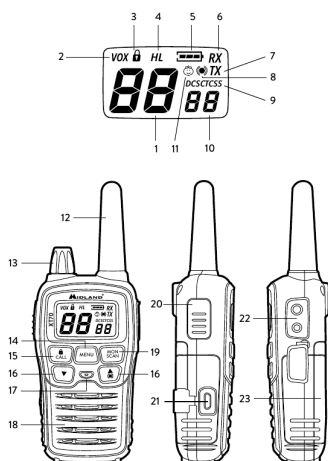
SUNNYSOFT

Midland XT70 Twin

Midland XT70 Twin to flagowy model serii XT — dwuzakresowy PMR446/LPD z zasięgiem do 12 km. Mocny akumulator 1000mAh (AA) zapewnia do 17 godzin pracy, szybkie ładowanie w 4 godziny i funkcja Baby Sitter.

Oprócz 24 kanałów PMR i 69 LPD oferuje funkcję Out of Range (auto/ręczna), pokrętkę głośności, szeroki podświetlany wyświetlacz LCD i dwa zestawy słuchawkowe MA21L w zestawie.

Identifying the parts



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LCD Display

1. **Selected channel** (P1-P8/9P-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **KL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **B** - Battery status indicator
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **OR** - It appears when you are operating with the Out of range function
9. **DCS/CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **BS** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼** - **controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

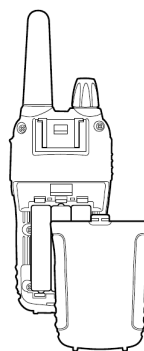
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.
To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **Tx** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **Tx** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/⏏** for about 3 seconds and **⏏** will be displayed as confirmation. Only **PTT** and **CALL/⏏** remain active. To disable this function, keep pressed again **CALL/⏏** for 3 seconds approx.

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Główne funkcje

- 24 kanały PMR446 + 69 LPD (dwuzakresowy)
- 38 CTCSS i 83 tony DCS
- VOX (9 poziomów czułości)
- Funkcja Baby Sitter
- Funkcja Out of Range (auto/ręczna)
- Pokrętko głośności
- Czas pracy do 17 h, szybkie ładowanie 4 h
- Podświetlany wyświetlacz LCD
- Blokada klawiszy + Roger Beep
- 2x zestaw słuchawkowy MA21L w zestawie

Obsługa

1. Naciśnij i przytrzymaj boczny przycisk zasilania, aby włączyć/wyłączyć.
2. Krótco naciśnij PTT (boczny przycisk), aby nadawać — zwolnij, aby odbierać.
3. Wybierz kanał pokrętkiem lub przyciskami. Oba urządzenia muszą być na tym samym kanale.
4. CTCSS: MENU SUB AUDIO TONES wybierz ton.
5. VOX: aktywuj w MENU ustaw czułość (3 poziomy).
6. CALL: naciśnij CALL, aby wysłać sygnał dźwiękowy.
7. SCAN: przytrzymaj SCAN, aby przeszukać kanały.
8. Blokada klawiszy: przytrzymaj MENU przez 3 sekundy.

Zasilanie i ładowanie

- Włóż 3 akumulatory AAA 300mAh NiMH (lub alkaliczne AAA) do komory baterii.
- Ładowanie przez micro USB: podłącz dołączony kabel do źródła zasilania.
- Wskaźnik LED świeci podczas ładowania — gaśnie po pełnym naładowaniu.
- NIE mieszaj akumulatorów i baterii alkalicznych.

Wskazówki bezpieczeństwa

- ! Nie otwierać urządzenia — naprawy zlecać autoryzowanemu serwisowi.
- ! Nie używać agresywnych środków czyszczących, alkoholu ani rozpuszczalników.
- ! Nie ładować baterii alkalicznych — grozi wyciekami, wybuchem lub pożarem.
- ! Nie mieszać starych i nowych baterii ani różnych typów.
- ! Nie wrzucać baterii do ognia — utylizować zgodnie z lokalnymi przepisami.
- ! Po upadku do wody natychmiast wyłączyć i oddać do serwisu.

Dane techniczne

Pasmo PMR	446,00625–446,09375 MHz
Pasmo LPD	433,075–434,775 MHz
Kanały	24 PMR446 + 69 LPD
Moc	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 tonów
Zasięg	do 12 km PMR
Akumulator	1000 mAh NiMH (3× AA)
Czas pracy	do 17 godzin
Szybkie ładowanie	4 godziny
Wymiary	58 × 120 × 33 mm
Masa	113 g (bez baterii)

Zawartość opakowania

- 2× radiotelefon Midland XT70 z klipsem
- 1× kabel USB
- 1× szybka podwójna stacja ładowania
- 2× akumulator 1000 mAh NiMH (AA)
- 2× zestaw słuchawkowy MA21L
- 1× instrukcja obsługi

Gwarancja i producent

Producent: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Włochy | www.midlandeurope.com

Okres gwarancji: 24 miesiące od daty zakupu.

Használati útmutató

Midland XT70 Twin

Kétsávós (PMR446/LPD) adó-vevő | hatótávolság 12 km-ig | 24 PMR + 69 LPD csatorna

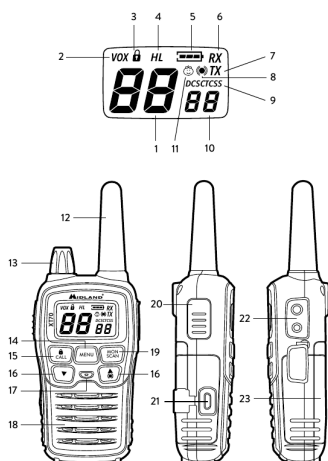
SUNNYSOFT

Midland XT70 Twin

A Midland XT70 Twin az XT sorozat csúcsmodellje — kétsávós PMR446/LPD 12 km-es hatótávolsággal. 1000mAh NiMH (AA) akkumulátor akár 17 óra üzemet biztosít, 4 órás gyorstöltéssel és Baby Sitter funkcióval.

24 PMR és 69 LPD csatornán kívül kínál Out of Range funkciót (auto/kézi), hangerőszabályzót, széles háttérvilágítású LCD kijelzőt, és két MA21L fejhallgatót a csomagban.

Identifying the parts



LCD Display

1. **Selected channel** (P1-P8/9P-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **HL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **Battery status indicator**
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **Out of range** - It appears when you are operating with the Out of range function
9. **DCS/CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **Baby Sitter** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼ controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

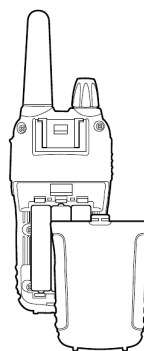
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.

To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **Tx** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **Tx** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**Rx** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/** for about 3 seconds and **✓** will be displayed as confirmation. Only **PTT** and **CALL/** remain active. To disable this function, keep pressed again **CALL/** for 3 seconds approx.

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Főbb funkciók

- 24 PMR446 csatorna + 69 LPD csatorna (kétsávós)
- 38 CTCSS és 83 DCS tónus
- VOX (9 érzékenységi fokozat)
- Baby Sitter funkció
- Out of Range funkció (auto/kézi)
- Hangerőszabályzó gomb
- Akkumulátor élettartam akár 17 h, győrtöltés 4 h
- Háttérvilágítású LCD kijelző
- Gombzár + Roger Beep
- 2x MA21L fejhallgató a csomagban

Kezelés

1. Be-/kikapcsolás: nyomja meg és tartsa az oldalsó gombot.
2. PTT gomb rövid megnyomásával adhat — elengedve vételre kapcsol.
3. Csatornát forgókapcsolóval vagy gombokkal válasszon. Mindkét készülék azonos csatornán legyen.
4. CTCSS: MENU SUB AUDIO TONES tónus kiválasztása.
5. VOX: MENU-ban aktiválja érzékenység beállítása (3 fokozat).
6. CALL: nyomja meg a CALL gombot hangjelzés küldéséhez.
7. SCAN: tartsa lenyomva a SCAN gombot a csatornakereszeshez.
8. Gombzár: tartsa lenyomva a MENU gombot 3 másodpercig.

Tápellátás és töltés

- Helyezzen 3 db NiMH AAA 300 mAh akkumulátort (vagy AAA alkáli elemet) az akkumulátorrekeszbe.
- Töltés micro USB-n: a mellékelt kábellel csatlakoztassa tápforráshoz.
- A LED jelzőfény töltés közben világít — teljes töltésnél kialszik.
- NiMH akkumulátorokat és alkáli elemeket NE keverje.

Biztonsági utasítások

- ! Ne nyissa fel a készüléket — javítást bizzon szakszervizre.
- ! Ne használjon agresszív tisztítószeret, alkoholt vagy oldószereket.
- ! Ne töltsze az alkáli elemeket — elektrolit szivárgás, robbanás vagy tűz veszélye.
- ! Ne keverje a régi és új elemeket, illetve különböző típusokat.
- ! Ne dobja az elemeket tűzbe — a helyi előírások szerint ártalmatlanítsa.
- ! Vízbe esés esetén azonnal kapcsolja ki és vigye szakszervizbe.

Műszaki adatok

PMR frekvencia	446,00625–446,09375 MHz
LPD frekvencia	433,075–434,775 MHz
Csatornák	24 PMR446 + 69 LPD
Teljesítmény	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 tónus
Hatótávolság	akár 12 km PMR
Akkumulátor	1000 mAh NiMH (3× AA)
Élettartam	akár 17 óra
Györstöltés	4 óra
Méretetek	58 × 120 × 33 mm
Tömeg	113 g (akkumulátor nélkül)

A csomag tartalma

- 2× Midland XT70 adó-vevő övcsipesszel
- 1× USB kábel
- 1× kettős gyors töltőállomás
- 2× 1000 mAh NiMH akkumulátor (AA)
- 2× MA21L fejhallgató
- 1× használati útmutató

Garanciafeltételek és gyártó

Gyártó: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Olaszország | www.midlandeuropa.com
Garanciaidő: 24 hónap a vásárlás dátumától.

Manual de utilizare

Midland XT70 Twin

Statie radio dualbanda (PMR446/LPD) | raza de actiune pana la 12 km | 24 PMR + 69 canale LPD

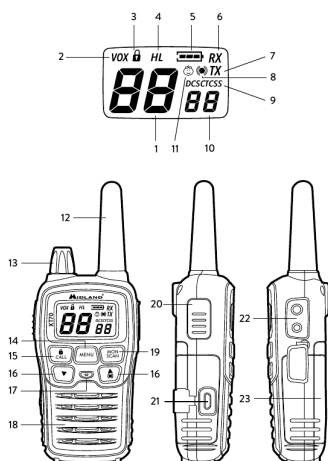
SUNNYSOFT

Midland XT70 Twin

Midland XT70 Twin este modelul de top al seriei XT — dualbanda PMR446/LPD cu raza de actiune de pana la 12 km. Acumulator 1000mAh NiMH (AA) asigura pana la 17 ore de functionare, incarcare rapida in 4 ore si functie Baby Sitter.

Pe langa 24 canale PMR si 69 LPD, ofera functia Out of Range (auto/manual), buton de volum, afisaj LCD lat cu iluminare si doua seturi de casca MA21L in pachet.

Identifying the parts



LCD Display

1. **Selected channel** (P1-P8/P9-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **HL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **Battery status indicator**
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **Out of range** - It appears when you are operating with the Out of range function
9. **DCS/CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **Baby Sitter** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼ controls** - To change the settings in the menu. If you keep pressed ▲/▼ you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

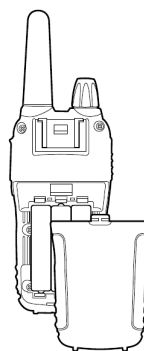
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.

To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **TX** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **TX** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/⏏** for about 3 seconds and **⏏** will be displayed as confirmation. Only **PTT** and **CALL/⏏** remain active. To disable this function, keep pressed again **CALL/⏏** for 3 seconds approx.

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Funcții principale

- 24 canale PMR446 + 69 canale LPD (dualbanda)
- 38 tonuri CTCSS și 83 DCS
- VOX (9 niveluri de sensibilitate)
- Funcție Baby Sitter
- Funcție Out of Range (auto/manual)
- Buton de volum
- Autonomie baterie până la 17 h, încărcare rapidă 4 h
- Afisaj LCD cu iluminare
- Blocare taste + Roger Beep
- 2x set de casca MA21L în pachet

Operare

1. Tineți apăsat butonul lateral pentru pornire/oprire.
2. Apasați scurt PTT (buton lateral) pentru a emite — eliberați pentru a recepționa.
3. Selectați canalul cu rotorul sau butoanele. Ambele aparate pe același canal.
4. CTCSS: MENU SUB AUDIO TONES selectați tonul.
5. VOX: activați din MENU setați sensibilitatea (3 niveluri).
6. CALL: apăsați CALL pentru a trimite semnal sonor.
7. SCAN: tineți apăsat SCAN pentru căutarea canalelor.
8. Blocare taste: tineți MENU 3 secunde.

Alimentare și încărcare

- Introduceți 3 acumulatori AAA 300mAh NiMH (sau alcalini AAA) în compartimentul de baterii.
- Încărcare prin micro USB: conectați cablul inclus la o sursă de alimentare.
- Indicatorul LED luminează la încărcare — se stinge la încărcare completă.
- NU amestecați acumulatori și baterii alcaline.

Instrucțiuni de siguranță

! Nu deschideti aparatul — reparatiile se efectueaza numai de service autorizat.

! Nu folositi detergenti agresivi, alcool sau solventi.

! Nu incarcati baterii alcaline — risc de scurgere, explozie sau incendiu.

! Nu amestecati baterii vechi si noi sau de tipuri diferite.

! Nu aruncati bateriile in foc — eliminati conform reglementarilor locale.

! Dupa contact cu apa opriti imediat si duceti la service.

Specificatii tehnice

Banda PMR	446,00625–446,09375 MHz
Banda LPD	433,075–434,775 MHz
Canale	24 PMR446 + 69 LPD
Putere	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 tonuri
Raza de actiune	pana la 12 km PMR
Acumulator	1000 mAh NiMH (3× AA)
Autonomie	pana la 17 ore
Incarcare rapida	4 ore
Dimensiuni	58 × 120 × 33 mm
Greutate	113 g (fara baterii)

Continut pachet

- 2× statie radio Midland XT70 cu clips
- 1× cablu USB
- 1× statie de incarcare dubla rapida
- 2× acumulator 1000 mAh NiMH (AA)
- 2× set casca MA21L
- 1× manual de utilizare

Garantie si producator

Producator: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Italia | www.midlandeuropa.com

Perioada de garantie: 24 de luni de la data achizitiei.

Ръководство за употреба

Midland XT70 Twin

Двулентова (PMR446/LPD) радиостанция | обхват до 12 км | 24 PMR + 69 LPD канала

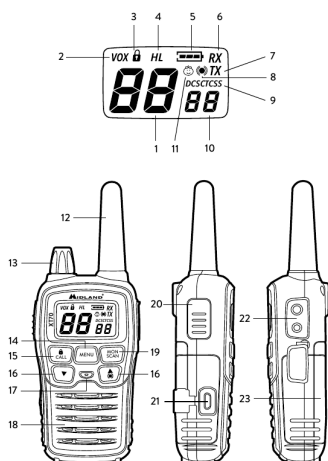
SUNNYSOFT

Midland XT70 Twin

Midland XT70 Twin е флагманският модел на серията XT — двулентова PMR446/LPD с обхват до 12 км. Мощен акумулатор 1000mAh NiMH (AA) осигурява до 17 часа работа, бързо зареждане за 4 часа и функция Baby Sitter.

В допълнение към 24 PMR и 69 LPD канала предлага функция Out of Range (авто/ръчна), колело за сила на звука, широк LCD дисплей с подсветка и два слушалки MA21L в комплекта.

Identifying the parts



LCD Display

1. **Selected channel** (P1-P8/P9-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **HL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **Battery status indicator**
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **It appears when you are operating with the Out of range function**
9. **DCS/CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **It is shown when the Baby Sitter function is active**

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼ controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

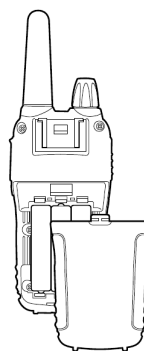
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.
To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **Tx** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **Tx** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/** for about 3 seconds and **✓** will be displayed as confirmation. Only **PTT** and **CALL/** remain active. To disable this function, keep pressed again **CALL/** for 3 seconds approx.

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Основни функции

- 24 PMR446 канала + 69 LPD канала (двулентова)
- 38 CTCSS и 83 DCS тона
- VOX (9 нива на чувствителност)
- Функция Baby Sitter
- Функция Out of Range (авто/ръчна)
- Колело за сила на звука
- Живот на батерията до 17 ч, бързо зареждане 4 ч
- LCD с подсветка
- Заклучване на клавиши + Roger Beep
- 2x слушалки MA21L в комплекта

Управление

1. Задръжте страничния бутон за включване/изключване.
2. Натиснете PTT (страничния бутон) кратко за предаване — отпуснете за приемане.
3. Изберете канал с копчето или бутоните. И двете устройства да са на един и същи канал.
4. CTCSS: MENU SUB AUDIO TONES изберете тон.
5. VOX: активирайте в MENU задайте чувствителност (3 нива).
6. CALL: натиснете CALL за тонов сигнал.
7. SCAN: задръжте SCAN за търсене на канали.
8. Заклучване на клавиши: задръжте MENU 3 секунди.

Захранване и зареждане

- Поставете 3 акумулатора NiMH AAA 300mAh (или алкални AAA) в отделението за батерии.
- Зареждане чрез micro USB: свържете приложения кабел към захранване.
- LED индикаторът свети при зареждане — изгасва при пълно зареждане.
- НЕ смесвайте акумулатори и алкални батерии.

Инструкции за безопасност

- ! Не отваряйте устройството — ремонтите се извършват само от оторизиран сервиз.
- ! Не използвайте агресивни почистващи средства, алкохол или разтворители.
- ! Не зареждайте алкални батерии — риск от изтичане, експлозия или пожар.
- ! Не смесвайте стари и нови батерии или различни видове.
- ! Не хвърляйте батерии в огън — изхвърляйте съгласно местните разпоредби.
- ! При потапяне във вода изключете незабавно и занесете на сервиз.

Технически спецификации

Честота PMR	446,00625–446,09375 MHz
Честота LPD	433,075–434,775 MHz
Канали	24 PMR446 + 69 LPD
Мощност	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 тона
Обхват	до 12 км PMR
Акумулатор	1000 mAh NiMH (3× AA)
Живот на батерията	до 17 часа
Бързо зареждане	4 часа
Размери	58 × 120 × 33 мм
Тегло	113 г (без батерии)

Съдържание на опаковката

- 2× радиостанция Midland XT70 с щипка за колан
- 1× USB кабел
- 1× двойна бърза зарядна станция
- 2× акумулатор NiMH 1000 mAh (AA)
- 2× слушалки MA21L
- 1× ръководство за употреба

Гаранционни условия и производител

Производител: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Италия | www.midlandeuropa.com
Гаранционен срок: 24 месеца от датата на покупка.

Navodila za uporabo

Midland XT70 Twin

Dvopasovna (PMR446/LPD) radijska postaja | doseg do 12 km | 24 PMR + 69 kanalov LPD

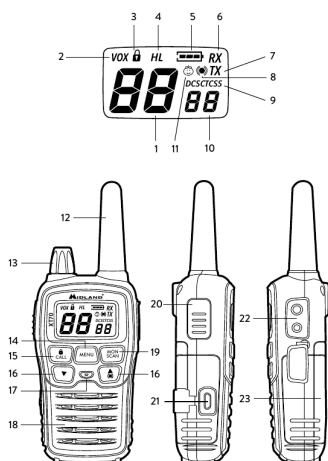
SUNNYSOFT

Midland XT70 Twin

Midland XT70 Twin je vrhunski model serije XT — dvopasovna PMR446/LPD z dosegom do 12 km. Zmogljiv akumulator 1000mAh NiMH (AA) zagotavlja do 17 ur delovanja, hitro polnjenje v 4 urah in funkcijo Baby Sitter.

Poleg 24 PMR in 69 LPD kanalov ponuja funkcijo Out of Range (samodejno/ročno), gumb za glasnost, širok osvetljeni LCD zaslon in dva slušalna aparata MA21L v paketu.

Identifying the parts



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LCD Display

1. **Selected channel** (P1-P8/9P-24P: PMR446 /1-69-LPD)
2. **VOX** - Function activated
3. **HL** - Keypad lock activated
4. **H/L** - Indicates the high / low power selection in transmission (only in PMR band)
5. **Battery status indicator**
6. **RX** - Radio in rx mode (busy channel)
7. **TX** - Radio in transmission (PTT pressed)
8. **Out of range** - It appears when you are operating with the Out of range function
9. **DCS/CTCSS** - Type of sub-audio tone selected
10. **Code of the selected CTCSS or DCS tone** (CTCSS: 1-38; DCS: 1-83)
11. **Baby Sitter** - It is shown when the Baby Sitter function is active

Transceiver

12. **Antenna**
13. **OFF/VOLUME knob** - To switch on/off the radio and to adjust the volume.
14. **MENU** - Press this control to enter the radios menu
15. **CALL** - to send a call to the selected channel. If you keep it pressed for about 3 seconds, the keypad lock is activated.
16. **▲/▼** - **controls** - To change the settings in the menu. If you keep pressed **▲/▼** you manually verify if there are some radios within the range (manual Out of range function).
17. **MIC** - Built-in microphone
18. **Built-in Speaker**
19. **MON/SCAN** - Press this button once to activate SCAN. Keep it pressed for about 2 seconds to activate the Monitor function, that temporarily cuts off the squelch (for weak signals)
20. **PTT** - Press to transmit.
21. **USB port** for the recharge of the radio
22. **SPK | MIC** (under the protective cover) - To connect to external audio devices such as microphones, headphones, etc
23. **Battery compartment**: insert the rechargeable battery pack supplied in the package or 3 x AA batteries (alkaline or rechargeable).

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Popis ovládacích prvků

Preparing the transceiver

The radio can be recharged with different type of batteries: here below the possibilities.

Note: To optimize the recharge process, we suggest you switch off the radio to recharge it.

Recharging the NIMH batteries (3 x AA)

Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, either you use a desktop charger or a USB cable; therefore the recharge time depends from the recharge status and from the batteries capacity.

There's no evidence when the recharge is finished, therefore **we suggest you detach the USB cable from the radio or remove XT70 from the desktop charger cradle once the recharge is complete.**

Recharging the NIMH battery pack PB-X7 1000mAh

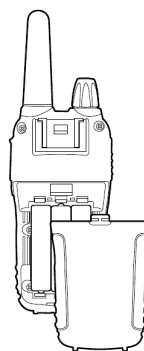
Place your transceiver into the cradle of the desktop charger or connect the USB cable to the proper jack of the radio.

This type of batteries is recharged with a constant current, therefore a complete recharge takes about 4 hours.

There's no evidence when the recharge is finished, therefore we suggest you detach the USB cable from the radio or remove **XT70** from the desktop charger cradle after 4 hours.

Installing/removing the battery pack

1. Remove the belt clip;
2. Open the battery compartment as shown in picture 1;
3. Remove or insert the battery pack;
4. Close the battery cover and fix the belt clip.



PICTURE 1

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Basic operations

Turning on/off

To turn on the transceiver, turn the **VOLUME** knob clockwise until you hear it click; the LCD display will light up and do an Auto-Test. Subsequently you will hear 2 beeps of different tones.

To turn off the transceiver, turn the knob counter-clockwise until you hear another click.

Volume control

Turn the knob **VOLUME** to about half way and adjust it to a comfortable level as soon as you receive a signal. If you do not receive a signal you can use the button **MON/SCAN** described in par. "MON button".

Displaying the channel/sub audio tone

To momentarily display the PMR446 channel and the subaudio tone used in the pre-set channels, go to the desired channel (from 9p to 24p) and keep pressed the **▼** for 3 seconds.

Transmission and reception

When you press the PTT the transceiver transmits with high or low power (depending on the setting of the **MENU H** or **L**).

To transmit:

1. Make sure that no one else is currently talking on the selected channel.
2. Keep button **PTT** firmly pressed. **TX** and **To** will appear on the display (if you have set a CTCSS tone, **To** won't be displayed).
3. Before you start talking wait for a fraction of a second then speak normally, in the direction of the microphone.
4. When you have finished, release the **PTT**. **TX** and **To** will disappear from the display.
5. When the radio is in reception mode (**PTT** not pressed) you will automatically receive any communication (**RX** displayed).

During transmission and reception try, as far as possible, to keep the antenna in vertical position and to avoid obstacles towards the direction of the other party.

Transmitting TOT Setting

The TOT function is used to prevent a too long transmission. This function temporarily blocks transmissions if the radio has been used beyond the maximum time permitted. Once reached the preset timer (1 minute), the radio will be forced in reception mode.

MON button (Monitor)

The **Monitor** button is for temporarily excluding (opening) the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened. By excluding the squelch you will avoid listening the communication "chopped" by the squelch. In order to activate the Monitor function, so as to listen to all traffic on the selected channel, keep pressed the **MON/SCAN** button for about 3 seconds. Keep pressed the button **MON/SCAN** for about 3 seconds to disable this function.

Scanning all channels

XT70 can automatically search for signals throughout the PMR/LPD bands by scanning, i.e. selecting the channels in rapid sequence.

Press briefly the button **MON/SCAN** to start scanning.

When a signal is detected, the scanning pauses on that channel and you can transmit by pushing **PTT**. The scroll buttons **▲/▼** allow you to change the direction of scanning (from lower channels to higher ones or vice versa) and therefore to skip communications which are of no interest.

If you want to stop it, press again **MON/SCAN**. Your transceiver will go back to the channel from which the scanning originally started.

Display backlight

If there is insufficient light to read the display you can press the **MENU** button to switch the display back light on for about 5 seconds.

Switching the backlight on the display adds an additional drain on the batteries. Try to make a moderate use of this.

Keypad lock

Keep pressed **CALL/☐** for about 3 seconds and **☐** will be displayed as confirmation. Only **PTT** and **CALL/☐** remain active. To disable this function, keep pressed again **CALL/☐** for 3 seconds approx.

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Glavne funkcije

- 24 kanalov PMR446 + 69 kanalov LPD (dvopasovni)
- 38 CTCSS in 83 DCS tonov
- VOX (9 stopenj občutljivosti)
- Funkcija Baby Sitter
- Funkcija Out of Range (samodejno/ročno)
- Gumb za glasnost
- Življenjska doba baterije do 17 ur, hitro polnjenje 4 h
- Osvetljeni LCD zaslon
- Zaklepanje tipk + Roger Beep
- 2x slušalni aparat MA21L v paketu

Upravljanje

1. Pritisnite in držite stranski gumb za vklop/izklop.
2. Kratek pritisk PTT (stranskega gumba) za oddajanje — sprostite za sprejemanje.
3. Izberite kanal z vrtljivim gumbom ali tipkami. Obe napravi morata biti na istem kanalu.
4. CTCSS: MENU SUB AUDIO TONES izberite ton.
5. VOX: aktivirajte v MENU nastavite občutljivost (3 stopnje).
6. CALL: pritisnite CALL za tonski signal.
7. SCAN: držite SCAN za iskanje kanalov.
8. Zaklepanje tipk: držite MENU 3 sekunde.

Napajanje in polnjenje

- Vstavite 3 akumulatorje NiMH AAA 300mAh (ali alkalne AAA) v prostor za baterije.
- Polnjenje prek micro USB: priključite priložen kabel na vir napajanja.
- LED indikator sveti med polnjenjem — ugasne pri popolnem polnjenju.
- NiMH akumulatorjev in alkalnih baterij NE mešajte.

Varnostna navodila

- ! Naprave ne odpirajte — popravila zaupajte pooblaščenemu servisu.
- ! Ne uporabljajte agresivnih čistilnih sredstev, alkohola ali topil.
- ! Ne polnite alkalnih baterij — nevarnost iztekanja, eksplozije ali požara.
- ! Ne mešajte starih in novih baterij ali različnih vrst.
- ! Baterij ne mečite v ogenj — odlagajte po lokalnih predpisih.
- ! Po stiku z vodo takoj izklopite in odnesite v servis.

Tehnični podatki

Frekvenca PMR	446,00625–446,09375 MHz
Frekvenca LPD	433,075–434,775 MHz
Kanali	24 PMR446 + 69 LPD
Izhodna moč	500 mW ERP (PMR) / 10 mW (LPD)
CTCSS/DCS	38/83 tonov
Doseg	do 12 km PMR
Akumulator	1000 mAh NiMH (3× AA)
Življenjska doba bat.	do 17 ur
Hitro polnjenje	4 ure
Dimenzije	58 × 120 × 33 mm
Masa	113 g (brez baterij)

Vsebina paketa

- 2× radijska postaja Midland XT70 s sponko za pas
- 1× kabel USB
- 1× dvojna hitra polnilna postaja
- 2× akumulator NiMH 1000 mAh (AA)
- 2× slušalni aparat MA21L
- 1× navodila za uporabo

Garancija in proizvajalec

Proizvajalec: CTE International s.r.l. (Midland Europe), Via R. Sevardi 7, 42124 Reggio Emilia, Italija | www.midlandeuropa.com
Garancijsko obdobje: 24 mesecev od datuma nakupa.