

DYNASCAN CHEF-1 LICENSE-FREE PMR-446 KITCHEN INTERCOM BASE STATION WITH HANDS-FREE FOOT PEDAL



The **Dynascan CHEF-1** is a **PMR-446 transceiver** specifically designed to optimize coordination in **hospitality** and demanding professional environments. Its robust construction and intuitive operation make it the perfect communication bridge between the kitchen and the floor staff.



“Hands-Free” Control with External Foot Pedal

The standout innovation of the CHEF-1 is the inclusion of an **industrial foot pedal**. This accessory allows the chef to trigger transmissions instantly without touching the device. It is the ideal solution for:

- **Total Hygiene:** Prevents hand contact with the device, maintaining food safety standards.

- **Productivity:** Allows the chef to call out orders or give instructions while plating or cooking.
- **Convenience:** Fluid communication even when hands are busy or gloved.

Total Compatibility and License-Free

Designed for teamwork, the CHEF-1 is **fully compatible with any standard PMR-446 walkie-talkie** used by floor or event staff. With its 16 channels and programmable QT/DQT codes, it ensures clear, private, and interference-free communication with the rest of the team. Additionally, its **voice prompts, LED indicator, and low battery alert** make it easy to handle even during peak hours.

Reliable, resistant, and built for continuous work, the **Dynascan CHEF-1** is the perfect solution for those who need stable and professional communications without licenses or complications.

Programming on demand: We offer custom programming to ensure full compatibility with the specific walkie-talkies used by your front-of-house staff.

FEATURES

- 16 channels
- Programmable CTCSS and DCS codes
- Voice prompt function
- Low battery alert
- Time-out timer function (TOT).
- Voice-operated transmission (VOX).
- Busy channel lockout (BCL).
- Status LED indicator

TECHNICAL SPECIFICATIONS

GENERAL:

- Frequency range: 446.00625 MHz – 446.19375 MHz (TX/RX)
- Channels no.: 16
- Channel separation: 12.5 kHz
- Modulation type: FM (F3E)
- Antenna type: Integral

- Operating temperature: -10 °C to +50 °C
- Power supply: Built-in Li-ion battery pack (11.1 V/2600 mAh)
- AC/DC battery charger: Input: 100-240 VAC/50-60 Hz/1.5 A (max.) / Output: 12 VDC/5000 mA
- Duty cycle: 5-5-90 (Tx/Rx/Standby)
- CTCSS (QT) & DCS (DQT): Programmables
- Dimensions (H x W x D): 250 x 200 x 80 mm (approx.)
- Weight: 1.6 Kg (approx.)

RECEIVER:

- Sensitivity (12 dB SINAD): $\leq 0.25 \mu\text{V}$
- Adjacent channel selectivity: $\geq 60 \text{ dB}$
- Intermodulation: $\geq 60 \text{ dB}$
- Distortion: $\leq 5 \%$
- Spurious radiation: $\leq -57 \text{ dBm}$

TRANSMITTER:

- Frequency stability: $\pm 2.5 \text{ ppm}$
- Transmission output power (E.R.P.): 0.5 W
- distortion: $\leq 3 \%$
- Spurious emission: $\leq -36 \text{ dBm}$

CONTENT

- PMR-446 radio
- Handheld microphone
- AC/DC battery charger
- Floor PTT
- Mounting screws
- Mounting bracket
- Instruction Manual