



THE FREEDOM™ SYSTEM

APPLICATIONS

A remote control system designed specifically for the Maxicom² Central Control System. This easy-to-use device can control your irrigation system from a handheld radio, GSM, or phone line.

FEATURES

- Provides remote communication with and operation of the Central Control system through telephone or radio (Radio Kit required).
- Allows user to start, stop, pause and resume stations, areas, programs and schedules.
- Allows user to manually turn system to off or auto mode.
- External transformer 220V/12V with power cord included.
- RS232 Serial cable for connection with PC included.
- Direct connection to telephone line through standard RJ11 cable, included. (Requires direct outside phone line).

SPECIFICATIONS

- Power supply: 220V/12V external transformer.
- Connection to PC serial port: standard RS232 cable.
- Connection to telephone line: standard RJ11 phone cable.
- Connection to optional Radio Kit: through specially designed connecting cable, built-in analog modem and DTMF interpreter.
- Colored LED's indicate:
 - Flashing green: power on
 - Continuous green: active phone connection
 - Yellow: data in
 - Red: data out



Connecting cable to Freedom: DIN plug 5 pin 180° to Motorola connector accessory reference HLN9457A.

Radio license with frequency must be obtained from local radio authorities.

MODELS

Freedom™ - Interface includes Phone and PC connecting cables. Shipped with external transformer.

Radio Kit - Includes 230V stabilized power supply, base radio, handheld with charger, external antenna, 30 meters antenna cable and connecting cable to the Freedom interface.

OPTIONAL RADIO KIT

Stabilized Motorola Power Supply GPM6134B.
Base Radio Motorola type GM340 reference GDM340UHF.
TAIT Handheld radio type ORCA with keyboard (Will also work with Motorola handheld GP380mUHF or VHF).
30 meters antenna cable RG-8/N coaxial.
Antenna ROA-45/2,5db.

GSM Module Kit

APPLICATIONS

GSM modem is used for centralized satellite controllers with the Maxicom²/TBOS SIM system. It allows wireless communication between PC and field satellites.

FEATURES

- Compact modem shipped with antenna, external transformer and serial cable.
- Integrated SIM card reader. (SIM card not included).
- Operating status LED.

DIMENSIONS

- Length: 65 mm
- Width: 74 mm
- Height: 33 mm

MODELS

GSM Module Kit – Kit includes modem, external transformer, antenna, connecting cable.



MAXICOM² ACCESSORIES DECODERS

Sensor & Pulse

APPLICATIONS

Decoders enable the Maxicom² system to extend its versatility. With the use of decoders, Maxicom² becomes a complete landscape and environmental control system.

FEATURES

Pulse Decoder

- Connected to a Pulse Flow Meter, sends the pulse back to the computer via the field interface (CCU).
- Flow control, SEEF (Search and Eliminate Extra Flow), instant flow measurement.
- Type of flow meter to be used : All types of flow meters sending dry contact Pulses. No voltage, no frequency.



Sensor Decoder

- To connect any type of sensor to the interface (CCU). Rain sensor, moisture sensor, Pump alarm, etc.
- Connected to the 2-wire path, the sensor will communicate to the computer all sensor status changes.
- Used to start, stop, pause or resume irrigation programs.

MODELS

DECSN – Sensor Decoder
DECPUL – Pulse Decoder

SURGE PROTECTION

APPLICATIONS

MSP-1 protects Maxicom² components from electrical surges on a two-wire communication path. MGP-1 provides a mounting location for MSP-1 or other grounding wires directly to a grounding rod or pipe.

FEATURES

- MSP-1** : Can be installed in controller pedestal or underground in conjunction with MGP-1
- MGP-1** : Installed on grounding rod or pipe.

MODELS

MSP-1
MGP-1

