MOTTECH DECODER SYSTEM | NEW 2-WIRE DECODERS FOR EXISTING IRRIGATION SYSTEMS

Mottech's decoder solution connects existing irrigation infrastructures in gardens and parks to Motorola IRRInet's remote control system. No need to replace existing valves and solenoids -- simply incorporate them into the Motorola control system.

The Mottech decoder system uses a single pair of wires to operate multiple stations, with individual decoders connected along a 2-wire cable. Each decoder contains a microprocessor, which receives 24VAC power and control signals along the 2-wire line directly from the IRRInet ACE or IRRinet M controllers.

The decoder addresses are pre-coded prior to installation. They are then attached to the cable to activate individual solenoids when a coded signal is sent from the IRRInet.

Mottech decoders are suitable for irrigation areas of all sizes. They are robust, waterproof and have built-in lightning and surge protection. Up to 125 outputs can be controlled independently from the same line.

Decoder types:

Decoder

Suitable for existing infrastructure including electric valves and AC solenoids, available in a choice of 1-, 2-, 3- or 4-station outputs. The decoders include autonomous station control, color-coded wire connections, programmable addresses, 2-way feedback to the IRRInet controller for confirmation and status indication.
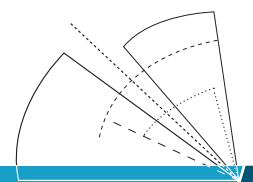
Decoder Active

Combines a 2-wire decoder and a solenoid into one product –suitable for existing electric valves with no solenoid. The Decoder Active screws into most electric valves via a threaded adaptor. The Decoder Active comes in two versions: a normal 2-way water port solenoid, or a 3-way with a back water port for use in large valves.
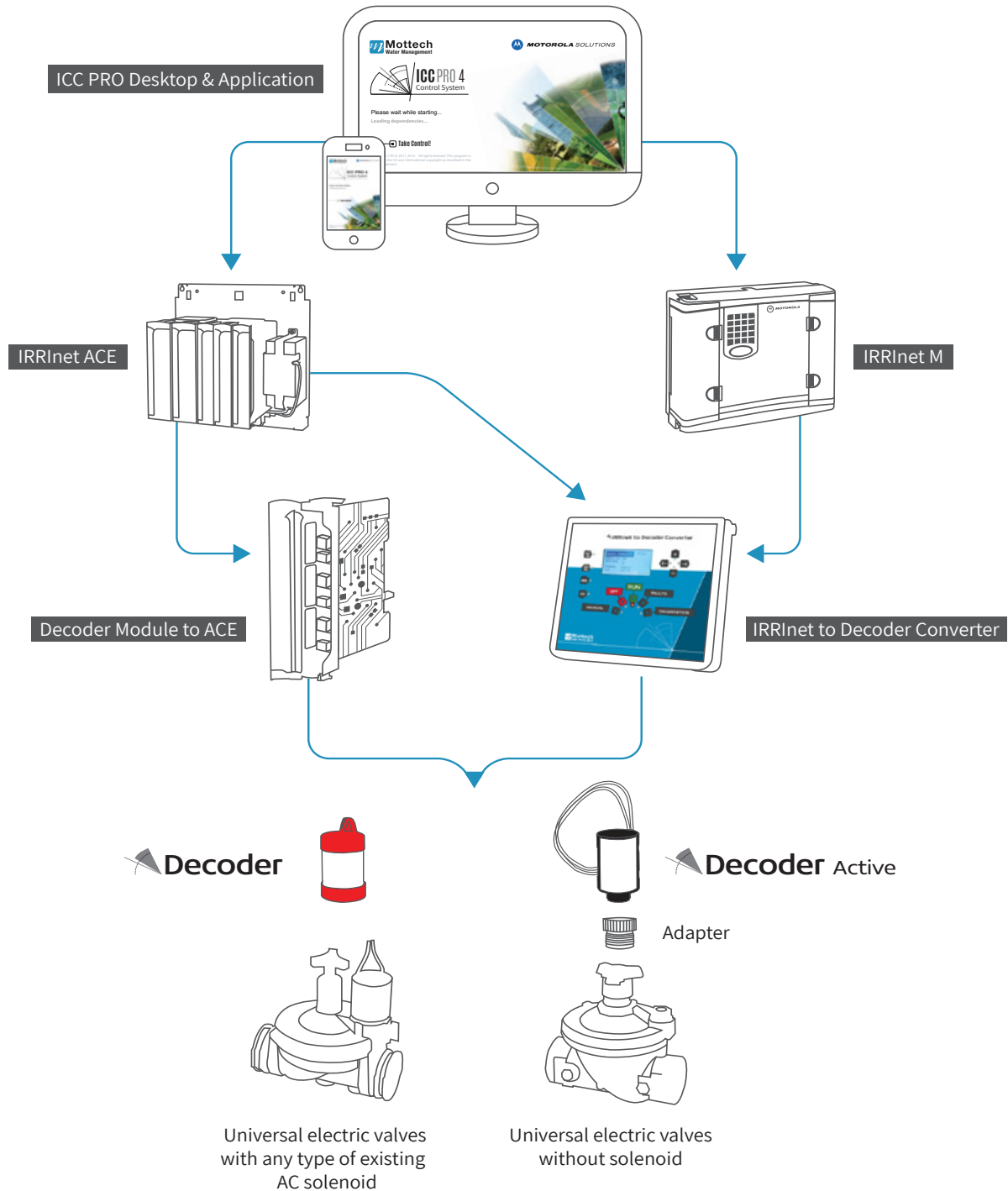
The decoder solution is an integral part of the Motorola IRRInet system and the ICC PRO software. They can be easily mixed with existing or future Motorola IRRInet products, making them ideal for new irrigation schemes as well as retrofits and partial re-dos.

Benefits

- Can re-use old wiring
- Built-in, powerful protection from lightning surges
- Cost effective, no need to replace existing infrastructure
- Incorporate decoders along with additional control equipment

Take Control!

IRRInet Connect Decoder solution diagram

ICC PRO Desktop & Application

IRRInet ACE

IRRInet M

Decoder Module to ACE

IRRInet to Decoder Converter

Decoder

Decoder Active

Adapter

Universal electric valves
with any type of existing
AC solenoid

Universal electric valves
without solenoid

Take Control!