

A724 addSWITCH

A724 addSWITCH is an integrated device that not only lets you open and close 2 latching solenoids, and can at the same time read 2 water meters or irrigation gauges. Radio commands transmit instantly the ON-time and the run-time - no OFF commands are required! The A724 addSWITCH can be seamlessly integrated into existing Adcon A733 UHF radio net works. It is compatible to both the A840 and the A850 Telemetry Gateway. Our addTIMER software is ideally suited to make best use of the addSWITCH's features.

Application

- Irrigation Automation and Monitoring
- extremely compact, extremely rugged, extremely low-power consumption



Technical data

Dimensions	119 x 79 x 60 mm 4.7 x 3.1 x 2.4 in	Resolution	10-Bit @ 0 - 2,5 V ; 2x 30Hz counter
Weight	650gr (1.3lb.)	Sampling Interval	User-specific (from 60 sec. to 12 h)
Ingress Protection class	IP-66	Measuring method	synchronous
Temperature range	from -30°C to +70°C (-22°F to +158°F)	Internal memory	16KB for up to 10.000 values
Case	Powder-coated aluminum	Max. solenoid runtime	up to 18 hours with a single radio command
Connectors (all connectors IP66 if properly mated or capped)	1x Switchcraft 4-pin M12 to solenoids 1x Binder M9 7-pin to sensors 1x Binder M9 5-pin to solar cell / power supply	Safety	Auto-Stop of all irrigation valves if battery voltage drops below threshold
Power supply	6,2 V NiMH battery 1.600 mAh + solar cell / mains adapter	Operating time	up to 21 days without charging; Depends on number of switching actions and transmission rate
Solenoids	2x latching solenoids, programmable from 5.5 - 15VDC	Frequency range	432 - 470MHz
Pulse Counters	2 x	Rx Sensitivity	-102 dBm
		Tx Output Power	10mW
		Transmission distance	up to 1km
		Antenna	Omnidirectional Lambda/4
		Type approvals	R&TTE, FCC Part 15, RA Australia, Industry Canada, etc.