

## Products Datasheet

Brand Integration		TV01-MA/Manual Version
Product Image		
Communication Protocol		TV01-MA/Manual Version
Technical specification	Supply Voltage	2x 1.5V AA (LR6) alkaline Lidl own brand TRONIC (best before: LT + 3 years)
	Dimensions (W x H x D)	55.3 x 54 x 98.3 mm
	Weight	190 g including batteries
	Display	LCD-Display with LED backlight
	LCD Size	34.4*19,55(mm)
	Degree of Protection	IP20
	Ambient Temperature	5 to 30°C
	Working Temperature	Range: -10° - 40 °C
	Current consumption	100 mA Max.
	Power Consumption	120uA
	Linear Stroke:	6mm max
	Force	70±0.5N
	Running noise:	max. 40 dB(A) (30cm distance)
	Connector	<b>M30 x 1.5 mm/M28*1.5mm</b>
	Constant Temp. Tolerance	<1°C
Accessories	1x ram extension 3x Danfoss heating adapter(RA, RAV, RAVL) M28*1.5mm Giacomini, Caleffi, adapter Ejector Rod Packing accessory*1 Screw for adapters	
Function	Auto mode	✓
	Manual mode	✓
	Holiday mode	✓
	Open window	✓
	Offset temperature	✓
	Eco & comfortable temperature mode	✓
	Child-lock&Operating lock	✓
	Anti-freezing mode	✓
	Heating-stopping(Power-saving) mode	✓
	Anti-Calcification(Descaling) protection	✓
	Boost	✓
	Week Programming Stage	✓
	Comfortable Temperature	✓
	ECO temperature	✓
	OTA firmware update	✓
	Low battery detection	✓
	Temp. Curve	✓
Away Mode	✓	
Frost-Protection Mode	✓	
Positives	1	Save up to 30% on your heating bill
	2	Low power consumption
	3	Holiday mode self-start mode
Performance	1	Automatic on/off control of radiator valve according to temperature settings.
	2	LCD displays temperature, time and mode
	3	Anti-calcification with weekly opening/closing of radiator valve.
	4	Boost function to temporarily speed up heating process.
	5	Detects sudden temperature drop and adjusts settings accordingly to sustain the ideal room temperature.
	6	Easy control keys for manual temperature adjustments.
	7	User friendly interface with 5 buttons.
	8	Child lock against unauthorised operation
	9	Eco mode for energy-saving operation with reduced room temperature
	10	Regular supervisory signals ensure the device's proper operation.
	11	Valve protection function against calcification of the valve
	12	Manual operation and configuration directly on the device, e.g. for setting the heating profile, holiday mode, temperature changes, etc.
	13	Standard radiator valves with M30 thread size can quick and easy installation without having to drain any water or intervening in the heating system