



## 10 Bar Display

Wall plug with built-in LCD display for an instant view of tank level measurement from the tank. Ideal for fuel distributors as no access to remote receiver required.

### Applications

- Communicates with RF sensors for:
  - Fuel Tanks – Oil, Kerosene, AdBlue
  - Commercial or Domestic Water Tanks
  - Interior, Exterior & Underground Tanks
  - LPG tanks
  - Propane tanks

### Benefits

- Instant view of tank level measurement in the home
- Easy to install
- Measurement resolution of 1cm/0.4" (Liquid)
- Measurement approximately 5% - 95% of tank capacity (LPG)
- Communication distance from sensor typically greater than 200m/656Ft
- Full detect LED flashes when the level is rising and within 20 cm / 7.9" of the top of the tank
- Early warning and almost empty notification
- Available with EU, USA, AUS/NZ plug formats
- CE Conformance and ROHS Compliant
- Minimum 1 year warranty



**WEEE Reg. 00232**  
Patents granted

Tekelek, Shannon Free Zone, Shannon, Co. Clare, Ireland  
**Tel :** +353 (0)61 471511 | **Fax:** +353 (0)61 471685  
**E-mail:** sales@tekelek.com | **Web:** www.tekelek.com

# Specification

Characteristic	Display Receiver (with mains plug)
Dimensions	EU: 50mm (W) x 70mm (D) x 199mm (H) ±3mm 2"(W) x 2.7"(D) x 7.83"(H) ±0.12" UK: 50mm (W) x 55mm (D) x 199mm (H) ±3mm 2"(W) x 2.2"(D) x 7.83"(H) ±0.12" USA: 50mm (W) x 51mm (D) x 135mm (H) ±3mm 2"(W) x 2.01"(D) x 5.3"(H) ±0.12" AUS/NZ: 50mm (W) x 59mm (D) x 199mm (H) ±3mm 2"(W) x 2.3"(D) x 7.83"(H) ±0.12"
Weight	EU: 70g/0.154lb UK: 70g/0.154lb US: 60g/0.13lb AUS: 71g/0.156lb
Housing Material	ABS
Operating temperature	-10°C to 60°C / 14°F to 140°F
Storage Temperature	-20°C to 60°C / -4°F to 140°F
Altitude range	<2Km/1.25Miles above sea level
Environmental Protection	IP44 Indoors only
Receiver Sensitivity	-100dBm to -110dBm @ 0.001 BER
Power requirements	EU/UK/NZ/AUS: 230V AC 50-60Hz, 20mA USA: 115V AC 60Hz, 30mA
Humidity range	15% - 95%
LCD Display	10 level bar graph with refill/error icons
Conformity	
EMC directive 2014/30/EU	The Electromagnetic Compatibility (EMC) Directive ensures that electrical and electronic equipment does not generate, or is not affected by, electromagnetic disturbance.
LVD directive 2014/35/EU	The Low Voltage Directive (LVD) ensures that electrical equipment within certain voltage limits provides a high level of protection for European citizens, and benefits fully from the Single Market.
RoHS directive 2011/65/EU	This Directive lays down rules on the restriction of the use of hazardous substances in electrical and electronic equipment (EEE) with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.
CE compliance	Yes