



*The TRAINER PLL ARDF transmitter is designed for local and regional ARDF competitions and training of any level. The possibility of frequency, transmitted code, keying speed and timing schedule adjustments opens the new area in the ARDF competitions and allows using more transmitters on different frequencies.*

*The operation is very easy: just install the antenna, plug in the connector and transmitter automatically recognizes the proper band and starts operation.*

*This transmitter is extremely suitable for training use due to its low weight and small size.*

### **FEATURES:**

- **PLL synthesizer provides 16 channels in 3,5 MHz band and 3 channels in 144 MHz band**
- **4 various timing schedules**
- **Various transmitted codes**
- **Keying speed adjustable in 4 steps**
- **Automatic band recognition**
- **Rugged plastic house**
- **Sophisticated Cordura case**

**SPECIFICATIONS****GENERAL**

Power supply: built-in NiCad accumulator 7,2V/0,8Ah  
Operating temperature range: -10 ...+ 60°C  
Storage temperature range: -20 ...+ 60°C  
Covering: IP54  
Transmitter:  
Dimensions: 65 (W) x 36(H) x 136 (D) mm (projections not included)  
Weight: 300 g

Operation period at fully charged accumulator:	REL	CONT
3,5 MHz	25 hrs	8 hrs
144 MHz	30 hrs	10 hrs

**TRANSMITTER 3.5 MHz**

Carrier frequency: 16 channels (3,52 ... 3,66 MHz)  
Mode: CW  
Output RF power @ 50 ohm: 0,8 W  
Spurious emissions: less than -66 dB

**TRANSMITTER 144 MHz**

Carrier frequency: 3 channels : 144,5 MHz, 144,85 MHz, 145,5 MHz  
Mode: AM 75%, keyed carrier  
Output RF power @ 50 ohm: 0,8 W PEP  
Spurious emissions: less than -60 dB

**LOGIC UNIT**

Transmitted codes: MOE, MOI, MOS, MOH, MO5, MO, A ... Z  
Keying speed: 35,50,70 or 100 PARIS  
Timing schedules: 60 s transmit, 240 s space  
30 s transmit, 120 s space  
30 s transmit, 270 s space  
15 s transmit, 45 s space

Time base accuracy: +-20 ppm (approx. 2 sec/day)

**SUPPLIED ACCESSORIES**

- 3,5 MHz wire antenna+counterpoise
- 144 MHz turnstile antenna
- Protecting case
- Instruction manual

**OPTIONS**

- N80 charger
- Cable lock
- Foxoring antenna
- Various antennas