

# TRAINER 07

**The TRAINER07 ARDF transmitter is designed for local and regional ARDF competitions and training of any level. The possibility of frequency, transmitted code, keying speed, timing schedule and output power 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 4 channels in 144 MHz band**
- **4 various timing schedules**
- **Various transmitted codes**
- **Keying speed adjustable in 4 steps**
- **Automatic band recognition**
- **Built-in Li-Ion accumulator and automatic charger**
- **Rugged plastic house**

**SPECIFICATIONS****GENERAL**

Power supply: built-in Li-Ion accumulator 3,7V/2,3Ah  
Charger: built-in, supplied from any 12V (10...16V) DC source  
Charging time: max. 2 hours  
Operating temperature range: -10 ...+ 60°C  
Storage temperature range: -20 ...+ 60°C  
Covering: IP54  
Dimensions: 65 (W) x 36(H) x 136 (D) mm (projections not included)  
Weight: 300 g

Operation period at fully charged accumulator:	REL	CONT
POWER HI	26 hrs	6 hrs
POWER LO	80 hrs	20 hrs

**TRANSMITTER 3.5 MHz**

Carrier frequency: 16 channels (3,52 ... 3,67 MHz)  
Mode: CW  
Output RF power @ 50 ohm: HI: 1 W, LO: 0,2W  
Spurious emissions: less than -66 dB  
Antenna: vertical wire 8m + 8m counterpoise  
Antenna tuner: built-in, manual with output power indication

**TRANSMITTER 144 MHz**

Carrier frequency: 4 channels  
Mode: AM 75%, keyed carrier  
Output RF power @ 50 ohm: 0,8 W PEP  
Spurious emissions: less than -60 dB  
Antenna: omnidirectional horizontal turnstile

**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  
60 s transmit, 60 s space  
12 s transmit, 48 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**

- 12V/6A switching source
- Cable lock
- Foxoring antenna
- Various antennas