



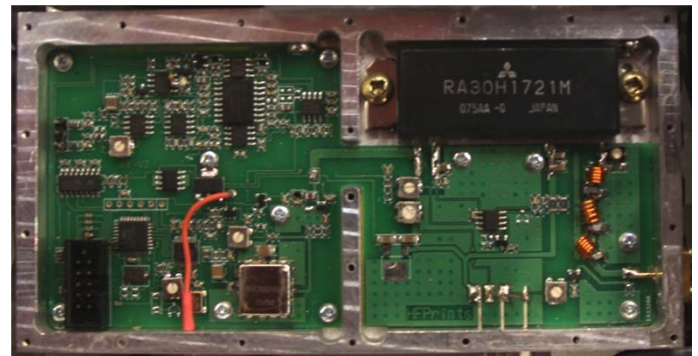
## Special products for special events.

The **HFPrints company** makes not only the normal products such as the Reporter transmitter but also special customized products for special events.

We make for the Dutch Ericsson / NOS a special motorbike transmitter for the radio reporter. Ericsson / NOS is one of the broadcast companies who reporting at bike events such as the Tour de France.

The NOS used the old Telecar systems and has a special rack on the motor. They asked for a new transmitter system into the old rack. So HFPrints made a special transmitter module into the old cassette. Easy: plug and play.

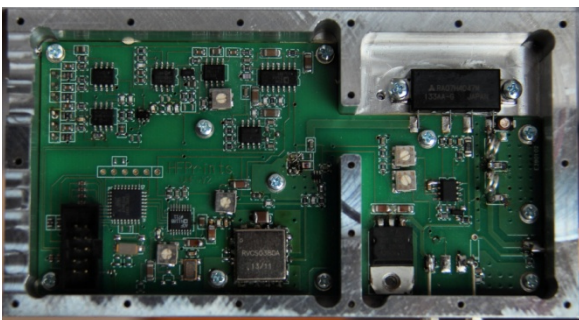
This module can be implemented in many other equipments so it can be interesting too other radiostations.



The **wideband RF module** is built into a milled aluminum case with dimensions of 153 x 79 x 20mm (without cooling) and his output power is 10 Watt. The unit works standalone with a internal processor. The audio is compressed by a standard 2:1 Hidyn compression technique. The module can changed into your choice / model of case.

Specifications wideband module:

Power supply	12 – 15V	2,2 A 3A max
RF out	10 Watt Hi	2 – 5 Watt low
Frequency range	174 – 225 MHz or 210 – 250 MHz	



Working range	30 MHz
Number of channels	16
Deviation	40 or 50 kHz
Audio bandwidth	15 kHz
Audio input	on demand 5mV up to 10 dBu
Signal to noise	> 70 dB
Programming	RS232 9600 baud.
RF out	SMA connection.

Price

indication € 750,00 incl. cooling

The **narrowband RF module** is built into a milled aluminum case with dimensions of 130 x 70 x 20mm (without cooling) and his output power is 5 Watt. The unit works standalone with a internal processor. The module can changed into your choice / model of case.

Specifications narrow module:

Power supply	12 – 15V	1,2 A
RF out	5 Watt Hi	1 Watt low
Frequency range	150 – 174 / 414 – 430 or 440 – 470 MHz	
Working range	15 to 30 MHz	
Number of channels	16	
Deviation	2,8 kHz	
Audio bandwidth	3 kHz	
Audio input	on demand 5mV up to 10 dBu	

Signal to noise > 45 dB unweighted  
 Programming RS232 9600 baud.  
 Price indication € 500,00 excl. cooling RF out SMA connection.

Repeater sets for aeroplane:

For big events a flying repeater is necessary. HFPrints made also the units for the flying repeater sets for the Dutch NOS (Ericsson)



Special 19" module with diversity receivers and transmitters.

Diversity wideband receivers  
 Diversity narrowband receivers  
 Talkback transmitters  
 Intercom units.

powersupply units 28 to 12V  
 remote control  
 Wideband transmitters  
 Interfacing.

### Receiver modules:

For talkback communications we make special small receiver modules in a robust milled aluminum case. This module has an excellent dynamic range. The RF input filtering is for VHF a tuned filter, for UHF 2x SAW filters.

Audio is 3 kHz wide but has a flat audio characteristics for a better audio sound for continuous listening.

The milled aluminum case is 90 x 75 x 19mm incl. connectors. (sub-D9 for programming and audio, SMA for RF)

Power supply 12 – 15V 0,15 A  
 RF sensitivity - 115 dBm typ  
 Intermodulation 80 dB  
 Frequency range 150 – 174 / 414 – 430 or 440 – 470 MHz  
 Working range 15 MHz (VHF 25 MHz)  
 Number of channels 16  
 Deviation 2,8 kHz  
 Audio bandwidth 3 kHz  
 Audio output 6 dBu symm 0 dBu a-symm  
 Signal to noise > 45 dB unweighted  
 Programming RS232 9600 baud.

Price indication € 600,00



### Reporter transmitter (WZ), a new generation portable transmitter/receiver for reporters

WZ is a compact lightweight portable transmitter/receiver with excellent HF and audio specifications. Its compact and easy to use design is since 2012 to this market. It has been designed to replace the larger size models like Sennheiser Ser 20, but with equivalent audio and RF specifications. The WZ is a few years on the market and has recently undergone some technical updates. All current users are very satisfied with its performance.

WZ is equipped with a removable battery pack, a high RF power mode and a low RF power mode (saves energy), a battery alarm, and built-in receiver for duplex mode. Despite its small front there is enough room for easy to use manual operation. Channel switching is located under the front panel on the side.

DC power 6.6 / 8.4 V internal battery, removable  
 Operation > 3 – 7 h high / low power  
 > 15 h receiver (transmitter stand-by)

#### Transmitter

Number of channels 16  
 Frequency range 175 – 250 MHz  
 Switching range > 30 MHz optional 180 – 223 MHz -3dB  
 Antenna connector TNC  
 Audio connector(s) XLR 3 female optional XLR5 of XLR7 (male)  
 Enclosure 107 x 30 x 177 mm



**HF + audio**

Output power max. 2,2 Watt  
Frequency deviation 50 kHz,  
Input audio level 5 - 50 mV adjustable symmetrical  
Signal to noise > 80 dB  
Distortion 0,2 % typical  
Audio range 100 Hz – 15 kHz +/- 1 dB 50 Hz -3dB  
Limiter intern, headroom > 16 dB typical 18 dB  
HIDYN intern, standard HD (equals Sennheiser)

Price indication for the reporter transmitter  
€ 4000,00 incl. 2x accu, charger, antenna and pocket.

**Talkback receiver:**

Channels 16 front adjustable  
Frequency range 415 – 430 MHz, 440 – 455 of 455 - 470 MHz, optional VHF  
Switching range 15 MHz (415 – 430)  
Sensitivity < 0,5 uV 20 dB sinad Mute level 0,15uV  
Volume adjust Potentiometer at front range 30 dB  
Signal to noise talkback > 45 dB, unweight.

NL: HFPrints [www.hfprints.com](http://www.hfprints.com) [r.stevens@hfprints.com](mailto:r.stevens@hfprints.com) (+31) 320 – 250 487

FR: Eurocom [www.eurocom.fr](http://www.eurocom.fr) [infoweb@eurocom.fr](mailto:infoweb@eurocom.fr)

