

Zodiac Proline W-serie

Zodiac proudly presents a completely new series of hand portable radios: Zodiac Proline W-series (W=Wideband)

It is available in three versions:

Zodiac Proline 80w = 68-88 MHz
Zodiac Proline 100w = 136-174 MHz
Zodiac Proline 400w = 403-470 MHz

The radio is rugged and classified according to both MIL STD 810F and IP65. Accessories such as headset / speaker mike is fixed to the radio with a screw function in order to avoid moist / water entering the radio through the accessory connector. The size of the radio is very small and handy, having the size of 56mm (w) x 100mm (h) x 34 mm (d), and the weight is only 285g including battery. It is delivered with a high capacity 1800 mAh Lithium battery and you can select if you want a desktop charger or charger case for charging and storing of several radios simultaneously. All of the radio keys are programmable, which means that you can have a radio that is tailor made to your special requirements. Your local dealer can perform this programming.

Some of the functions that can be activated are as follows:

- Speech scrambling
- Vox (automatic voice control)
- Alarm Function
- "Talk-around"-function
- "Status Call"-function
- Missed Call List
- Protect your own radio with a password
- CTCSS 38 tones plus 3 user defines ctcss tones are available
- DCS: 83 tones (individually selected for Rx and TX)
- DTMF: DTMF-signalling is sent by the PTT (ANI)
- 5-tone: The most common systems are available:

CCIR, ZVEI, EEA a.o. It is also possible for the user to define there own standard. It can be seen in the display who has called the radio. This can also be shown alphanumerically.

- CTCSS / DTMF and 5-tone can be used simultaneously.

Your local dealer



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Technical specifications for Zodiac Proline W

General features:

General specifications	Zodiac Proline 80W	Zodiac Proline 100W	Zodiac Proline 400W
Number of channels	255	255	255
Frequency range	68 – 88 MHz	136 – 174 MHz	403 – 470 MHz
Channel spacing	12,5 / 25 KHz	12,5 / 25 KHz	12,5 / 25 KHz
Battery type	Litium Ion	Litium Ion	Litium Ion
Capacity standard battery	1800 mAh	1800 mAh	1800 mAh
Battery life (5:5:90 duty)	12 hours	12 hours	12 hours
Operating temperature range	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
Frequency stability	+2,5ppm	+2,5ppm	+2,5ppm
Dimensions	56 x 100 x 34 (b x h x d)mm	56 x 100 x 34 (b x h x d)mm	56 x 100 x 34 (b x h x d)mm
Weight (battery pack included)	285g	285g	285g
Tone signalling	5 – 7 tone CCIR o.a.	5 – 7 tone CCIR o.a.	5 – 7 tone CCIR o.a.

Receiver specifications:

Sensitivity EIA 12dB SINAD	0,20uV	0,20uV	0,25uV
Adjacent channel selectivity	70dB (25KHz)	70dB (25KHz)	70dB (25KHz)
Inter-modulation	65dB	65dB	65dB
Spurious and Image rejection	70dB	70dB	70dB
Hum & Noise	45dB (25KHz)	45dB (25KHz)	45dB (25KHz)
Audio output	700mW @ 16 Ohm	700mW @ 16 Ohm	700mW @ 16 Ohm

Transmitter specifications:

Power output	5,0W / 2,5W / 1,0W	5,0W / 2,5W / 1,0W	5,0W / 2,5W / 1,0W
Modulation	FM16KOF3/ 11KOF3/ 8KOF3	FM16KOF3/ 11KOF3/ 8KOF3	FM16KOF3/ 11KOF3/ 8KOF3
Conducted spurious emissions	70dB	70dB	70dB
FM Hume & Noise	45dB (25KHz)	45dB (25KHz)	45dB (25KHz)
Audio distortion (@1KHz)	<5%	<5%	<5%

Optional accessories



Waterproof
speackermicrophone



Carringcase
with sling



Earphone with
PTT/microphone



Earhook with
PTT/microphone



Short antenna
7cm/10cm 400MHz



Leather case with
rotateable click on
hanger



Neck microphone



12V cable for
deskcharger



Quick/desk-charger
Charge 2 batteries



12/24V cable
with holder



Secret-service
headset



Holder for
cars/trucks



Cable for Peltor
earprotector



Antenna packet
for cars/trucks



Speakerphone