

VR2W-180 kHz Single Channel Receiver



Designed to operate with our line of 180 kHz tags

The VR2W-180 kHz receiver is cost effective, compact, easy to use, long-lasting and flexible, making it ideal for remote, long term monitoring of small fish species.

Juveniles, Smaller Fish, More Species

The VR2W-180 kHz is used with the family of 180 kHz transmitters (V4, V5 and V9-180 kHz). The v4 and V5 enable researchers to track and monitor smaller fish and a broader range of species than ever before. The introduction of the V9-180 kHz tag has expanded VEMCO's 180 kHz capability to include longer life tags that can be used on larger animals. 180 kHz tags have been used widely on a variety of fish species from salmon smolts to arctic cod to various reef species.

Why 180 kHz Frequency?

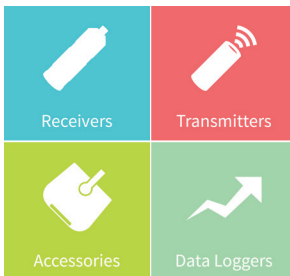
Choosing the 180 kHz frequency enabled VEMCO to develop small, lightweight tags that would operate well in both salt and fresh water environments.

Features

- ▶ Fast upload using Bluetooth® wireless technology - after retrieving your receivers from the water, you can upload data quickly and from up to 7 receivers simultaneously
- ▶ Substantial data storage capacity - 16 MBytes (~1.6-million detections)
- ▶ Field upgradable design allows upgrade of unit in the field with future receiver enhancements



| VR2W-180 kHz Specifications | |
|-----------------------------|--|
| Dimensions | 308 mm long x 73 mm diameter |
| Weight | 1190 g in air, 50 g in water |
| Power supply | 1 -3.6 V Lithium D cell battery |
| Battery life | Approximately 8 months |
| Maximum depth | 500 metres |
| Receiver frequency | 180 kHz |
| Storage | 16 MBytes flash memory Approximately 1.6-million detections |



The VR2W-180 kHz operates with PC software

The VEMCO User Environment (VUE) PC Software for initialization, configuration and data upload from VEMCO receivers allows users to combine data from multiple receivers of varying types into a single integrated database. Studies using 69 kHz and 180 kHz tags can also be combined into one VUE database.

The VEMCO Bluetooth Communications Package includes everything you need to talk to your VR2W:

- ▶ VUE Software
- ▶ Software Manual
- ▶ Two Magnetic Activator Probes
- ▶ Adapter for USB to Bluetooth®

VUE requires Windows XP SP3, VISTA, Windows 7, 8 and 10 operating systems. See VEMCO's website for more details on VUE Software.

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