

Available Backends

(page under construction)

For Continuum Observations

- BEACON (Backend for advanced continuum observations)
- Several receivers are equipped with polarimeters (cf. [Receivers for the Effelsberg 100-m Telescope](#))
- [8-Bank polarimeter](#) for the 18/21cm- and for the 11cm-receiver

For Spectroscopy

- [XFFT spectrometer](#) (2x 65536 channels, 2500, 2000, 500, 300, 100, 50 MHz Bandwidth - not all modes are available with all receivers)
- WFFTS - the new Array spectrometer for the new broad-band receivers (28x65536 channels)
- Array FFT spectrometer (16x16384 channels)

A description of the FFT spectrometer and how they work can be found in the paper of [Klein et al.](#)

For VLBI

- DBBC-Terminal (FS9 type, mostly used for EVN, global and geo VLBI)
- RDBE-Terminal (VLBA type, for HSA and VLBA+Eb)

Both terminals are equipped with MK5 recorders. More details can be found [here](#).

For Pulsar Observations

Please contact the pulsar group for information!

From:

<https://eff100mwiki.mpifr-bonn.mpg.de/> - **Effelsberg 100m Teleskop**

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Last update: **2016/03/20 10:19**