

CODE3-32

Platinum

**A leader among decoders
professional power now also available
for the radio amateur**

The screenshot displays the CODE3-Perseus software interface, which is used for decoding and analyzing radio signals. The main window, titled "CODE3-Perseus [1.0 17-05] (c)2009 HOKA N Decoder 01", features a menu bar (Files, Mode, Signal analysis, Data analysis, Demodulator, Tools, Tuning, Setup, About, Help) and a toolbar with various icons for signal processing. The central area shows a "Full spectrum" plot with a filter of 627 Hz. Below the plot, technical parameters are displayed: Buffer: 128kb--> 5 s, Sampl.: 12500 Hz 16-bit 1 Ch, Center: 1746 Hz, estim: 1758 Hz, Shift: 452 Hz, estim: 379 Hz, and a "Record SD 0" button.

Several decoder windows are open, showing decoded text and control options:

- Decoder 359:** Shows a message from "COQUELET 8" with a destination list and a text number "nr. 141".
- Decoder 120:** Shows a message from "STANAG 4285" with technical details like "DATA RATE 1200 LONG INTERLEAVER" and a list of characters.
- Decoder 124:** Shows a message from "FACTOR II" with a list of names and ICRC affiliations.

The interface also includes a "Signal analysis" window showing a spectrum plot and a "Data analysis" window showing decoded text. The bottom status bar indicates the current mode is "no sync Auto mode" and the signal is "8 S ASC B 3 1750 Hz dF -12 Hz ci".

Code3-32 Platinum,
the home edition of the powerful software-based
demodulator, decoder and analyser CODE300-32

Main features:

- * **Windows operating system**
- * **Use of the PC's own sound card, no need of external AD/DA-converter**
- * **Real multitasking: parallel use of decoder, analysis und measurement modules on the input signal**
- * **Signal recording and playback for offline analysis**
- * **Real time text scanning in decoded output with triggering functions**
- * **As option available: receiver control of PERSEUS SDR**

When a hobby becomes more than just a free time activity

Demodulation & Decoding A multitude of systems is supported in HF and VHF/UHF, among others:

most common **FSK** and **MFSK** systems,
most widespread **PSK** systems,
MIL STD 188-110 Serial and **MIL STD 188-141 ALE**,
Stanag 4285 and **4529** as well as
a variety of decoding modules for all popular **paging**
formats, **MPT 1327**, **selective calling**, **dialling**
formats and common **mobile data text**
transmission systems

Signal & Data Analysis Numerous tools for extensive analysis and optimal results, for example:

Auto Classification,
ITA2 Analysis,
Speed Bit Analysis,
Alphabet Mapping,
Phase Spectrum, **Phase Plane**,
Combined **Spectrum** and **Waterfall Display**,
FFT Special with **Zoom**,
Bit Analysis

Product and Price list:

CODE3-32 Platinum, the home edition of CODE300-32.
799,- Euro¹⁾

CODE3-32 Platinum, the home edition of CODE300-32.
with PERSEUS control
899,- Euro¹⁾

CODE300-32 Standard, the powerful decoder for professionals.
4500,- Euro²⁾

CODE300-32 Extended, the enhanced edition of CODE300-32.
7500,- Euro²⁾

Frequency Manager 7.0, up-to-date database system with receiver control.
79,- Euro³⁾ plus shipment

Technical Handbook for Radio Monitoring HF Edition 2009, detailed description of waveforms on shortwave. 508 Pages, 297 Images, 105 tables.
49,- Euro plus shipment

1) Delivery includes software on CD-ROM, installation instructions, manual on CD-ROM and a USB Dongle.

2) Price does not include VAT. Delivery includes printed manual, software on CD-ROM and a USB Dongle. 24 months warranty on hardware.

3) Delivery includes printed manual, software on CD-ROM and installation instructions.

Official distributor:

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www.frequenzmanager.de

Decoding Modes and Analysis Tools		Code3 Platinum	Code300 Standard	Code300 Extended
SITOR	Common Modes	✓	✓	✓
BAUDOT		✓	✓	✓
BAUDOT SYNCHR		✓	✓	✓
BF6 BAUDOT F7B		✓	✓	✓
CW		✓	✓	✓
CW-F1b		✓	✓	✓
ASCII		✓	✓	✓
PACKET AX-25		✓	✓	✓
PACTOR I		✓	✓	✓
PACTOR I special			✓	✓
PACTOR II		✓	✓	✓
PACTOR III			Option	Option
AUTOSPEC		✓	✓	✓
FAX FM		✓	✓	✓
FAX AM		✓	✓	✓
SSTV		✓	✓	✓
HELLSCREIBER	✓	✓	✓	
HF-Datalink	Special Modes	✓	✓	✓
GMDSS-HF		✓	✓	✓
G-TOR			✓	✓
TWINPLEX		✓	✓	✓
IRA-ARQ		✓	✓	✓
NUM-13			✓	✓
AUM-13			✓	✓
MEROD			✓	✓
SKYFAX			✓	✓
VISEL			✓	✓
EPIRB		✓	✓	✓
GW DATAPLEX		✓	✓	✓
DGPS SC104		✓	✓	✓
Baudot Parity		✓	✓	✓
ARQ-625 SITOR-A	ARQ	✓	✓	✓
ARQ-E		✓	✓	✓
ARQ-S ARQ-1000		✓	✓	✓
ARQ-E3		✓	✓	✓
ARQ-2 TDM-242		✓	✓	✓
ARQ-4 TDM-342		✓	✓	✓
ARQ-POL		✓	✓	✓
ARQ-SWED		✓	✓	✓
ARQ-DUPLEX		✓	✓	✓
ARQ6-70		✓	✓	✓
ARQ6-90/98		✓	✓	✓

Decoding Modes and Analysis Tools		Code3 Platinum	Code300 Standard	Code300 Extended
HC-ARQ		✓	✓	✓
RS-ARQ MERLIN			✓	✓
RS-ARQ			✓	✓
TOR dirty		✓	✓	✓
FEC-B Sitor-B		✓	✓	✓
ROU-FEC		✓	✓	✓
HNG-FEC		✓	✓	✓
FEC-S	FEC	✓	✓	✓
FEC-A FEC 100		✓	✓	✓
FEC-100 Interleaved			✓	✓
FEC-100 raw			✓	✓
FEC-100 dirty			✓	✓
COQUELET-8		✓	✓	✓
COQUELET-13		✓	✓	✓
COQUELET-8 FEC			✓	✓
COQUELET-8 FEC Auto			✓	✓
COQUELET-8 auto-start			✓	✓
COQUELET-8 Tun			✓	✓
CROWD-36		✓	✓	✓
CROWD-ECC			✓	✓
FIRE		✓	✓	✓
PICCOLO-6	MFSK NON HAM	✓	✓	✓
PICCOLO-12		✓	✓	✓
MFSK Universal			✓	✓
MFSK 16		✓	✓	✓
MFSK 16-15			✓	✓
MFSK 18		✓	✓	✓
MFSK 20		✓	✓	✓
RF7B		✓	✓	✓
CODAN 9001 DATA			Option	Option
CODAN 9001CHIRP			Option	Option
CODAN CHIRP + DATA			Option	Option
CLOVER II			Option	Option
CLOVER 2000			Option	Option
T8			✓	✓
DF Test				✓
DTMF-TTY	MFSK HAM	✓	✓	✓
THORB		✓	✓	✓
MFSK 8 not HAM		✓	✓	✓
MFSK 16		✓	✓	✓
MT 63		✓	✓	✓

Decoding Modes and Analysis Tools		Code3 Platinum	Code300 Standard	Code300 Extended
OLIVIA MFSK		✓	✓	✓
PSK10	PSK Modes	✓	✓	✓
PSK 31		✓	✓	✓
PSK 31 FEC		✓	✓	✓
PSK 10 AM		✓	✓	✓
PSK 31 AM		✓	✓	✓
PSK 50 AM		✓	✓	✓
PSK 63		✓	✓	✓
PSK 125		✓	✓	✓
PSK 220		✓	✓	✓
PSK 31 F		✓	✓	✓
PSK 63 F		✓	✓	✓
PSK 125 F		✓	✓	✓
PSK 220 F		✓	✓	✓
CIS-11 TOR-G10/11		CIS	✓	✓
CIS-12 FIRE	✓		✓	✓
CIS-14 TORG-14	✓		✓	✓
81-81	✓		✓	✓
81-29	✓		✓	✓
BAUDOT-F7B	✓		✓	✓
BEE 35-50			✓	✓
405 395	✓		✓	✓
R 37	✓	✓	✓	
ARINC ANNEX 10	Selcall	✓	✓	✓
EEA		✓	✓	✓
EIA		✓	✓	✓
EURO		✓	✓	✓
CCITT		✓	✓	✓
CCIR1		✓	✓	✓
CCIR2		✓	✓	✓
CTCSS		✓	✓	✓
DCSS		✓	✓	✓
DTMF		✓	✓	✓
NATEL		✓	✓	✓
VDEW		✓	✓	✓
ZVEI1		✓	✓	✓
ZVEI2		✓	✓	✓
ZVEI1-13 BIIS			✓	✓
ZVEI2-ITA xtone			✓	✓
CODAN 8500 / CCIR 493-44		✓	✓	✓
CODAN 9001 CHIRP		Option	option	

Decoding Modes and Analysis Tools		Code3 Platinum	Code300 Standard	Code300 Extended	
TT			✓	✓	
Analogue-tones Class			✓	✓	
Digi-tones-Class			✓	✓	
ACARS SITA	VHF/UHF	✓	✓	✓	
ATIS DSC GMDSS		✓	✓	✓	
BIIS		✓	✓	✓	
CITYRUF		✓	✓	✓	
ERMES		✓	✓	✓	
FLEX		✓	✓	✓	
FMS-BOS		✓	✓	✓	
GMDSS VHF		✓	✓	✓	
INMARSAT-C TDM			✓	✓	
INMARSAT-C TDMA			✓	✓	
MDT		✓	✓	✓	
MPT1327		✓	✓	✓	
POCSAG		✓	✓	✓	
MIL STD 188-110 serial	MIL STD 188 Series	✓	✓	✓	
MIL STD 188-110 39-tone			✓	✓	
MIL STD 188-141 ALE		✓	✓	✓	
STANAG-4415 PSK			✓	✓	
STANAG-4481 FSK		✓	✓	✓	
STANAG-4481 PSK		✓	✓	✓	
STANAG-4285 PSK		✓	✓	✓	
STANAG-4529-PSK		✓	✓	✓	
STANAG-5065 FSK		✓	✓	✓	
MIL-M 55529A FSK		✓	✓	✓	
CV-786		✓	✓	✓	
MD-674		✓	✓	✓	
Telephone quality		Audio Recording		✓	✓
Radio quality	✓		✓	✓	
Shift and speed measurement	Signal Analysis	✓	✓	✓	
Auto classification		✓	✓	✓	
Phase spectrum			✓	✓	
Phase oscilloscope			✓	✓	
Phase plane			✓	✓	
Phase Constellation		✓	✓	✓	
Waterfall		✓	✓	✓	
Waterfall and Sonogram		✓	✓	✓	
FSK oscilloscope		✓	✓	✓	
AFP Oscilloscope		✓	✓	✓	

Decoding Modes and Analysis Tools		Code3 Platinum	Code300 Standard	Code300 Extended
MFSK oscilloscope			✓	✓
Analog oscilloscope		✓	✓	✓
Eye Pattern		✓	✓	✓
Straddle		✓	✓	✓
FFT special with zoom		✓	✓	✓
Syn/Asyn oscilloscope		✓	✓	✓
Correlation bit	Data Analysis	✓	✓	✓
Correlation mod		✓	✓	✓
Correlation mod VHF		✓	✓	✓
Speed bit analysis		✓	✓	✓
ITA-2 analysis		✓	✓	✓
Bit analysis		✓	✓	✓
Character analysis simplex		✓	✓	✓
Character analysis duplex		✓	✓	✓
Character count		✓	✓	✓
Universal Demodulator	Demodulator	✓	✓	✓
PSK Demodulator			✓	✓
MFSK Demodulator graphical			✓	✓
Generator	Tools		✓	✓
DCF 77		✓	✓	✓
Data and text editor			✓	✓
IF Spectrum			✓	✓
Modulation Classifier			✓	✓
Remote Control			✓	✓
Output LAN			✓	✓
2 Channel audio input			✓	✓
2 Channel audio input LAN				✓
Output RS232				✓
Multi decoder				✓
Bitstream Output in MIL modes				✓
Editing of all code tables				✓
6 months software update free			✓	✓
12 months software update free				✓

This list may be changed without further notice!