



# HOKA ITALIA

HF Monitoring Equipment - official dealer and service - HOKA Electronics, IPS, LEC

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## CODE300-32 Extended

The Extended version offers the same modes and tools as the CODE300-32 standard version,  
**plus two unique additional features:**

- you can start approx 20 modes twice, completely independent. ie: MIL188-110 can run on two different receivers/aerials on the same frequency, offering brute force diversity. Up to 8 different decoders can run on left or right input.
- but that's not all: you can start this extended version twice (a second sound device is necessary, maybe an USB).

Following modes can be started **twice** in optional **EXTENDED VERSION:**

ARQE	ARQ IRA	ASCII	Baudot	CW *
FLEX	GMDSS	HFDL	Mil 188-110 serial	M 188-110 39 tone
Mil 188-141 ALE	Pactor I	Pactor II	Packet	POCSAG
PSK31	Sitor	STANAG 4285	STANAG 4529	Skyfax

*Note: CW can open twice also in the normal version.*

In this way your PC becomes a super decoder analyzer with up to 16 decoding modules running at the same time! Production work is made easy and cheap as never before!  
Some highlights to mention:

Automatic Audio recording with graphical squelch, automatic text search facilities, Data output by LAN, by serial port with up to 115Kb, editing of all nearly code tables, Bit Stream output, whatever a professional user is looking for, it is included here. Audio input by LAN for two channels, with a completely free choice of the sampling frequency allows integration of this version into bigger systems and direct connection to digital wideband receivers without the need of re-sampling. All functions and tools are remote controllable by TCP/IP.

If you have any questions or if you need more details or clarifications please don't hesitate to contact us by fax, e-mail or phone.

### Prices:

CODE300-32 Extended Version **€ 7.500,00 Euro**

**Package includes**

- Code300-32 Software on CD ROM
- Printed user manual
- Security key

Code300-32 extended version includes all these additional tools :

- Serial output via RS232,
- Bit stream Output in MIL modes,
- Editing of all code tables,
- Two channel audio input by LAN
- 12 months free software update
- 24 months warranty on hard- and software.

Available from stock

All prices are export prices without VAT. Shipment by UPS included.

## Systems ad tools available on Code300-32 Extended

System / Function	Range	Demod.	Also know as	Include	Menu
SITOR	HF	FSK	Sitor A-B / ARQ 625 / FEC 625 / Amtor	autodetect Mode A and Mode B	Common Mode
Baudot	HF	FSK	ITA-2 / RTTY	BR 6028 VFT / BARRIE / 6028 / USA 7 Modem / R39 Demodulator / SYNOP DECODER	Common Mode
Baudot Synchr	HF	FSK			Common Mode
BF6 Baudot F7B	HF	4 FSK	Baudot F7B – ITA-2 Twin - 2 channel ITA-2 RTTY / Baudot Twinplex		Common Mode
CW	HF	OOK	Morse		Common Mode
CW-F1B	HF	FSK	FSK CW		Common Mode
ASCII	HF	FSK	ITA5 / IRA		Common Mode
Packet AX 25	HF	FSK	Packet Radio / Packet HF / Packet VHF	HF mode 300 Baud, VHF mode 1200 Baud	Common Mode
Pactor I	HF	FSK		Pactor 1 - 8, ICRC, IFRC, HAM, MIL Pactor I FEC Pactor SELCALL upto 6 chrs	Common Mode
Pactor II	HF	DBPSK DQPSK 8-DPSK 16-DPSK		all possible CRC Variant	Common Mode
Autospec	HF	FSK	Spread	AUTOSPEC with Spread 11, Spread 21, Spread 51	Common Mode
FAX FM	HF	FSK	FAX / Facsimile / MeteoFAX		Common Mode
FAX AM	VHF/UHF	FSK	NOAA / Meteosat		Common Mode
SSTV	HF	FSK	SSTV / Slow Scan Television		Common Mode
PSK-31	HF	DBPSK DQPSK			Common Mode
HELL	HF	FSK	HELLSCREIBER / HELL		Common Mode
HF-Datalink	HF	M-PSK	HF Datalink / HF Acars / ARINC specification 635-2 27/02/1998		Special Mode
GMDSS HF	HF	FSK			Special Mode
G-TOR	HF	FSK			Special Mode
TWINPLEX	HF	FSK	TWINPLEX CCIR 476	with standard and variable shift	Special Mode
IRA-ARQ	HF	MFSK			Special Mode
NUM-13	HF	MFSK	SP14		Special Mode
ANUM-13	HF	MFSK			Special Mode
MEROD	HF	FSK	RAC ARQ / Racal ARQ		Special Mode
SKYFAX	HF	10 parallel FSK tones	RC 5000 / Racal MSM		Special Mode
VISEL	HF	FSK	FEC 12		Special Mode
EPIRB	VHF				Special Mode
GW DATAPLEX	HF	FSK	GW PACTOR		Special Mode
DGPS SC104	HF				Special Mode
Baudot Parity	HF	FSK	French Baudot		Special Mode
ARQ-625 SITOR-A	HF	FSK	Sitor A / ARQ 625 mode A		ARQ
ARQ-E	HF		ARQ-E/ ARQ 1000 Duplex	ARQ N / R39 Demodulator	ARQ

System / Function	Range	Demod.	Also know as	Include	Menu
ARQ-S ARQ-1000	HF	FSK	ARQ-S / ARQ 1000-S / Siemens ARQ 1000		ARQ
ARQ-E3	HF	FSK	ARQ-E3 / CCIR 519 Variant / TDM 342 1 Channel	R39 Demodulator / SYNOP DECODER	ARQ
ARQ-2 TDM 242	HF	FSK		ARQ-M2-242 / ARQ-M4-242	ARQ
ARQ-4 TDM 342	HF	FSK	TDM 342 / ARQM-2, ARQM-4 / ARQ28 / ARQ56 / CCIR 342-2	ARQ-M2-342 / ARQ-M4-342 R39 Demodulator	ARQ
ARQ-POL	HF	FSK	ARQ-POL / POL ARQ CCIR 476 Variant		ARQ
ARQ-SWED	HF	FSK	ARQ SWED / SWED ARQ / CCIR 518 Variant		ARQ
ARQ-DUPLEX	HF	FSK	DUP ARQ / ARTRAC		ARQ
HC-ARQ	HF	FSK	Hagelin Cripto - ARQ		ARQ
RS-ARQ MERLIN	HF		RS ARQ II / ALIS 2 / RS ARQ 240	ITA2 5 Bit / ITA2 7 Bit / ITA5 8 Bit	ARQ
RS-ARQ	HF	FSK	RS ARQ / ALIS	ITA2 5 Bit / ITA2 7 Bit / ITA5 8 Bit	ARQ
TOR dirty	HF	FSK	FEC 625 without sync control		ARQ
ARQ6-70	HF	FSK	CCIR 476 Variant		ARQ
ARQ6-90/98	HF	FSK	CCIR 476 Variant		ARQ
FEC-B Sitor-B	HF	FSK	FEC 625 / NAVTEX		FEC
ROU-FEC	HF	FSK			FEC
HNG-FEC	HF	FSK			FEC
FEC-S	HF	FSK	FEC 1000 S		FEC
FEC-A FEC100	HF	FSK	FEC-A Broadcast FEC100 A / FEC 101		FEC
FEC-100 interleaved	HF	FSK	FEC-100 Variable Interleaved		FEC
FEC-100 raw	HF	FSK	FEC-A without synchronisation		FEC
FEC-100 dirty	HF	FSK	FEC 100 Dirty without synchronisation		FEC
COQUELET-8	HF	MFSK	Coq8 – Coquelet MK2 - French Multitone – Teleimprimeur ACEC		MFSK non HAM
COQUELET-13	HF	MFSK	Coq 13 – Coquelet MK1 – French Multitone		MFSK non HAM
COQUELET-8 FEC	HF	MFSK	COQUELET 80		MFSK non HAM
COQUELET-8 FEC auto-start	HF	MFSK			MFSK non HAM
CROWD-36	HF	MFSK	CIS 36 / Russian Piccolo / URS Multitone / CIS 10 11 11		MFSK non HAM
CROWD 36 ECC	HF	MFSK	CIS 36 / Russian Piccolo / URS Multitone / CIS 10 11 11		MFSK non HAM
FIRE	HF		MS5 / CIS 12		MFSK non HAM
PICCOLO-6	HF	MFSK	PICCOLO MK6 / PICCOLO ITA-2		MFSK non HAM
PICCOLO-12	HF	MFSK	PICCOLO MK12 / PICCOLO ITA-5		MFSK non HAM
MFSK Universal	HF	MFSK			MFSK non HAM
MFSK 16	HF	MFSK	non amateur mode		MFSK non HAM
MFSK 18	HF	MFSK	non amateur mode		MFSK non HAM
MFSK 20	HF	MFSK	non amateur mode		MFSK non HAM
RF7B	HF	4FSK			MFSK non HAM
DTMF-TTY	HF		DTMF-TTY	With all speed variant	MFSK HAM
THROPB	HF	MFSK	THROB	With all speed variant	MFSK HAM
MFSK 16	HF	MFSK	MFSK 16		MFSK HAM
MT63	HF	MFSK	MT63	With all speed variant	MFSK HAM
PSK10	HF	PSK	PSK 10		PSK Modes

System / Function	Range	Demod.	Also know as	Include	Menu
PSK 10 AM	HF	PSK	PSK 10 AM		PSK Modes
PSK 31 AM	HF	PSK	PSK 31 AM		PSK Modes
PSK 50 AM	HF	PSK	PSK 50 AM		PSK Modes
PSK 63	HF	DBPSK DQPSK	PSK 63		PSK Modes
PSK 220	HF	DBPSK DQPSK	PSK 220		PSK Modes
PSK 125	HF	DBPSK DQPSK	PSK 125		PSK Modes
CIS-11 TORG-10/11	HF	FSK		SYNOP DECODER	CIS
CIS-12 FIRE	HF		MS5		CIS
CIS-14 TORG-14	HF	FSK	CIS 14 / AMOR / AMOR 96		CIS
81-81	HF	FSK		40,5 / 81 / 162 Baud + variable	CIS
81-29	HF	FSK		40,5 / 81 / 162 Baud + variable	CIS
BEE 36-50	HF	FSK	BEE / 36-50 / T600 / CIS-36-50 / CIS-50-50		CIS
405 395	HF	FSK			CIS
R 37	HF	FSK			CIS
ARINC ANNEX-10	HF		ANNEX 10		SELCALL
EEA	VHF/UHF	5 Tone			SELCALL
EIA	VHF/UHF	5 Tone			SELCALL
EURO	VHF/UHF	5 Tone			SELCALL
CCITT	VHF/UHF	5 Tone			SELCALL
CCIR1	VHF/UHF	5 Tone			SELCALL
CCIR2	VHF/UHF	5 Tone			SELCALL
CTCSS	VHF/UHF				SELCALL
DCSS	VHF/UHF				SELCALL
DTMF	VHF/UHF				SELCALL
NATEL	VHF/UHF	5 Tone			SELCALL
VDEW	VHF/UHF	5 Tone			SELCALL
ZVEI1	VHF/UHF	5 Tone			SELCALL
ZVEI2	VHF/UHF	5 Tone			SELCALL
ZVEI1-13 BIIS	VHF/UHF	5 Tone			SELCALL
ZVEI2-ITA xtone	VHF/UHF	xx Tone			SELCALL
CODAN 8500 / CCIR 493-44	HF	FSK			SELCALL
TT	VHF/UHF		VHF-UHF Tone classification		SELCALL
Analogue-tones Class	VHF/UHF		VHF-UHF Tone classification		SELCALL
Digi-tones Class	VHF/UHF		VHF-UHF Tone classification		SELCALL
ACARS SITA	VHF		VHF ACARS		VHF/UHF
ATIS DSC GMDSS	VHF	FSK			VHF/UHF
FMS-BOS	VHF/UHF				VHF/UHF
ERMES	VHF/UHF				VHF/UHF
FLEX	VHF/UHF				VHF/UHF
POCSAG	VHF/UHF			512, 1200, 2400 Baud num/alphanum	VHF/UHF
CITYRUF	VHF/UHF			512, 1200, 2400 Baud num/alphanum	VHF/UHF
MPT1327	VHF/UHF				VHF/UHF
MDT	VHF/UHF				VHF/UHF
INMARSAT-C TDM	SAT	DPSK2			VHF/UHF
INMARSAT-C TDMA	SAT	BPSK			VHF/UHF
MIL STD 188-110 serial	HF	PSK		with all standard terminal mode Bitstream Otput	MIL STD 188-series

System / Function	Range	Demod.	Also know as	Include	Menu
MIL STD 188-110 39-tone	HF	PSK		with all standard terminal mode Bitstream Output	MIL STD 188-series
MIL STD 188-141 ALE	HF	MFSK	Ale (Automatic Link Establishment)	Bitstream Output scanning control	MIL STD 188-series
STANAG-4285	HF	PSK		with all standard terminal mode Bitstream Output	MIL STD 188-series
STANAG-4529	HF	PSK		with all standard terminal mode Bitstream Output	MIL STD 188-series
STANAG-5065	HF	FSK			MIL STD 188-series
Telephone quality			Audio recording	8 kHz, include squelch facilities	Audio Recording
Radio Quality			Audio recording	11 kHz include squelch facilities	Audio Recording
Shift and speed measurement				0 - 5,5 / 0 - 11 / 0 - 22 kHz	Signal Analysis
Auto Classification				more than 40 systems	Signal Analysis
Phase spectrum				0 - 4800 Baud	Signal Analysis
Phase oscilloscope				0 - 1200 Baud	Signal Analysis
Phase plane			Low speed phase analyzer	0 - 1200 Baud	Signal Analysis
Phase Constellation			High speed phase analyzer	1200 - 2400 Baud	Signal Analysis
Waterfall				0 - 5,5 / 0 - 11 / 0 - 22 kHz	Signal Analysis
Waterfall and sonogram				0 - 5,5 / 0 - 11 / 0 - 22 kHz	Signal Analysis
FSK oscilloscope					Signal Analysis
AFP oscilloscope			Amplitude Frequency Phase scope		Signal Analysis
MFSK oscilloscope					Signal Analysis
Analog oscilloscope					Signal Analysis
Eye pattern					Signal Analysis
Straddle			x-y oscilloscope		Signal Analysis
FFT special with zoom				0 - 5,5 / 0 - 11 / 0 - 22 kHz	Signal Analysis
Correlation bit			ACF	0 - 100 / 0 - 500 Bit	Data Analysis
Correlation mod			Speed meas. accuracy 0,01 Baud	0 - 1000 Baud	Data Analysis
Correlation VHF			Speed meas. accuracy 0,01 Baud	0 - 5000 Baud	Data Analysis
Speed bit analysis			Binary pattern analyzer	0 - 450 Bit Sample	Data Analysis
ITA-2 analysis			Bit Inversion Analyzer	0-31	Data Analysis
Bit analysis			Binary analyzer	0 - 450 Bit Sample	Data Analysis
Character analysis simplex				CCIR 476 / ITA-2 / ITA-5 / ITA2 PARITY- NO PARITY / CCIR 342	Data Analysis
Character analysis duplex				CCIR 476 / ITA-2 / ITA2 PARITY- NO PARITY / CCIR 342	Data Analysis
Character count				A-Z / 0-9 / CTRL CHRS	Data Analysis
Universal Demodulator			2 TO 40 TONES	OOK / FEK / FSK / 2 DPSK / 4 DPSK / BI-PHASE / OQPSK / QPSK / BPSK / Coquelet Analyzer	Demodulator
PSK Universal Demodulator					Demodulator
IF Spectrum				0 - 11 kHz	IF Analysis
Generator				more than 30 HF / VHF systems	Tools
DCF77					Tools

System / Function	Range	Demod.	Also know as	Include	Menu
Data and text editor			Advanced Bit Analysis	continuous variable line length, selectable cursor step size, continuously display of extracted alphabet and bit pattern, simultaneous display of LTRS and FIGS cases with normal or inverted polarity and selectable MSB/LSB function, programmable code interleaving with graphic highlighting of bit position	Tools
Modulation Classifier				ASK4 / ASK2 / FSK4 / FSK2 / PSK2 / NOISE / CW / FSK / PSK 4 / PSK 8	Tools

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