

PROCITEC GmbH: HF, VHF, UHF Decoders

Modem	Same as	Remarks	Modem File	Src*
HF decoders				
2 channel ITA-2 RTTY	F7B Morse/Baudot			X
ACARS HF	HFDL			X
Alcatel 801H		detection only	alcatel_801h	X
ALE 2G			ale-2g	X
ALE-400			ale-400	X
ALIS			alis	X
ALIS 2		detection only	alis2	X
AMOR	CIS-14			X
AMOR 96	CIS-14			X
AMTOR	SITOR-A			X
Annex-10	SELCAL ICAO			X
ARQ-1000 duplex	ARQ-E/ARQ-N			X
ARQ-28	ARQ-M2 242/ARQ-M4 242			X
ARQ-58	ARQ-M2 342/ARQ-M4 342			X
ARQ6-90			arq_6-90	X
ARQ6-98			arq_6-98	X
ARQ-E Cyc4			arq_e_cyc4_85bd_170hz	X
ARQ-E Cyc8 185Bd 370Hz			arq_e_cyc8_185bd_370hz	X
ARQ-E Cyc8 96Bd 192Hz			arq_e_cyc8_96bd_192hz	X
ARQ-E3 50Bd 400Hz			arq_e3_50bd_400hz	X
ARQ-E3 100Bd 400Hz			arq_e3_100bd_400hz	X
ARQ-E3 48Bd 170Hz			arq_e3_cyc8_48bd_170hz	X
ARQ-E3 48Bd 270Hz			arq_e3_cyc8_48bd_270hz	X
ARQ-E3 48Bd 300Hz			arq_e3_cyc8_48bd_300hz	X
ARQ-E3 48Bd 400Hz			arq_e3_cyc8_48bd_400hz	X
ARQ-E3 48Bd 850Hz			arq_e3_cyc8_48bd_850hz	X
ARQ-E3 72Bd 400Hz			arq_e3_cyc8_72bd_400hz	X
ARQ-E3 96Bd 170Hz			arq_e3_cyc8_96bd_170hz	X
ARQ-E3 100Bd 850Hz			arq_e3_cyc8_100bd_850hz	X
ARQ-E3 192Bd 400Hz			arq_e3_cyc8_192bd_400hz	X
ARQ-E3 200Bd 400Hz			arq_e3_cyc8_200bd_400hz	X
ARQ-E3 288Bd 400Hz			arq_e3_cyc8_288bd_400hz	X
ARQ-E3 288Bd 850Hz			arq_e3_cyc8_288bd_850hz	X
ARQ-M1	ARQ-E3			X
ARQ-M2-242			arq_m2_242_96bd_430hz	X
ARQ-M2-342 96Bd 400Hz			arq_m2_342_96bd_400hz	X
ARQ-M2-342 200Bd 410Hz			arq_m2_342_200bd_410hz	X
ARQ-M4-242			arq_m4_242_192bd_173hz	X
ARQ-M4-342			arq_m4_342_192bd_400hz	X
ARQ-N			arq_n	X
ARQ-S	SI-ARQ			X
ARQ-SWE	SWED-ARQ			X
ARTRAC	DUP-ARQ			X
ASCII 7Bit 100Bd 173Hz			ascii_7bit_100bd_173hz	X
ASCII 7Bit 75Bd 850Hz			ascii_7bit_75bd_850hz	X
ASCII 7Bit 110Bd 170Hz			ascii_7bit_110bd_170hz	X
ASCII 7Bit 171Bd 420Hz			ascii_7bit_171bd_420hz	X
ASCII 7Bit 180Bd 500Hz			ascii_7bit_180bd_500hz	X
ASCII 7Bit 200Bd 300Hz			ascii_7bit_200bd_300hz	X
ASCII 7Bit 200Bd 400Hz			ascii_7bit_200bd_400hz	X
ASCII 7Bit 300Bd 170Hz			ascii_7bit_300bd_170hz	X

Modem	Same as	Remarks	Modem File	Src*
ASCII 7Bit 300Bd 400Hz			ascii_7bit_300bd_400hz	X
ASCII 7Bit 600Bd 480Hz			ascii_7bit_600bd_480hz	X
ASCII 8Bit			ascii_8bit_180bd_500hz	X
AUTOSPEC			autospec	X
Baudot sync 200Bd 850Hz			baudot_sync_200bd_850hz	X
Baudot sync 2 stopbit 50Bd 450Hz			baudot_2stopbit_50bd_450hz	X
Baudot sync 2 stopbit 75Bd 500Hz			baudot_2stopbit_75bd_500hz	X
Baudot async 1,5 Stopbit 50Bd 450Hz			baudot_async_50bd_450hz	X
Baudot async 1,5 Stopbit 50Bd 170Hz			baudot_async_50bd_170hz	X
Baudot async 1,5 Stopbit 50Bd 200Hz			baudot_async_50bd_200hz	X
Baudot async 1,5 Stopbit 50Bd 850Hz			baudot_async_50bd_850hz	X
Baudot async 1,5 Stopbit 75Bd 340Hz			baudot_async_75bd_340hz	X
Baudot async 1,5 Stopbit 75Bd 400Hz			baudot_async_75bd_400hz	X
Baudot async 1,5 Stopbit 75Bd 500Hz			baudot_async_75bd_500hz	X
Baudot async 1,5 Stopbit 75Bd 850Hz			baudot_async_75bd_850hz	X
Baudot async 1,5 Stopbit 100Bd 200Hz			baudot_async_100bd_200hz	X
Baudot async 1,5 Stopbit 100Bd 400Hz			baudot_async_100bd_400hz	X
Baudot async 1,5 Stopbit 100Bd 850Hz			baudot_async_100bd_850hz	X
Baudot async 1,5 Stopbit 150Bd 500Hz			baudot_async_150bd_500hz	X
Baudot async 1,5 Stopbit 180Bd 500Hz			baudot_async_180bd_500hz	X
Baudot universal 50Bd 650Hz			baudot_universal_50bd_650hz	X
Baudot F7B	F7B Morse/Baudot			X
BEE	CIS-36-50			X
BF6 Baudot	F7B Morse/Baudot			X
BULG-ASCII 75Bd 510Hz			bulg-ascii_75bd_510hz	X
BULG-ASCII 120Bd 500Hz			bulg-ascii_120bd_500hz	X
BULG-ASCII 150Bd 500Hz			bulg-ascii_150bd_500hz	X
BULG-ASCII 180Bd 500Hz			bulg-ascii_180bd_500hz	X
BULG-ASCII 300Bd 500Hz			bulg-ascii_300bd_500hz	X
CCIR 242	ARQ-M2 242/ARQ-M4 242			X
CCIR 342	ARQ-M2 242			X
CCIR 342-2	ARQ-M4 242			X
CCIR 476 A/B	Sitor A/Sitor B			X
CCIR 493-4	CODAN Selcal			-
CCIR 518 Variant	SWED-ARQ/ARQ6-90/ ARQ6-98/POL-ARQ			X
CCIR 519 Variant	ARQ-E3			X
CHU			chu_fsk	X
CIS 10 11 11	CIS 36			X
CIS-11			cis-11	X

Modem	Same as	Remarks	Modem File	Src*
CIS-12 PSK2			cis-12_psk2	X
CIS-12 PSK4			cis-12_psk4	X
CIS-14			cis-14	X
CIS-20	CIS-12			X
CIS-36			cis-36	X
CIS-36-50 50Bd 250Hz			cis-36_50_50bd_250hz	X
CIS-36-50 50Bd 500Hz			cis-36_50_50bd_500hz	X
CIS-50-50 50Bd 200Hz			cis-50_50_50bd_200hz	X
CIS 40.5	CIS 405 3915			X
CIS 405 3915			cis_405_3915	X
CIS 81	CIS 81-81			X
CIS 81-29	CIS 81-81			X
CIS-81-81			cis-81-81_81bd_500hz	X
CIS AT3104	CIS-12			X
Clover II			clover_II	-
Clover 2000			clover_2000	-
Clover 2000 Broadcast			clover_2000broadcast	-
Clover 2500			clover_2500	-
Clover 2500 Broadcast			clover_2500broadcast	-
CODAN 3012 Chirp			codanchirp	-
CODAN Selcal			codan_selcall	-
CODAN 3012 16 Channel PSK		raw hex output descrambled		-
CODAN 3212 16 Channel PSK		Includes CODAN 3012	codan3212_16channel_psk	-
CODAN 3212 1 Channel PSK		only 600 and 1200bps fully supported	codan3212_1channel_psk	-
CODAN 8580	CODAN Selcal			-
CODAN 9001 Chirp	CODAN 3012 Chirp			-
CROWD-36	CIS-36			X
Coquelet-13 75ms			coquelet-13_75ms	X
Coquelet-13 50ms			coquelet-13_50ms	X
Coquelet-8			coquelet-8	X
Coquelet-8 FEC	Coquelet-80			X
Coquelet-80			coquelet-80	X
Coquelet-100	Alcatel 801H			X
Coquelet-Mk1	Coquelet-13			X
Coquelet-Mk2	Coquelet-8			X
CW-Morse	Morse			X
DGPS 200Bd			dgps_200bd_msk	X
DGPS 100Bd			dgps_100bd_msk	X
DSC-HF			dsc-hf	X
DUP-ARQ 125Bd 170Hz			dup-arq_125bd_170hz	X
DUP-ARQ 125Bd 850Hz			dup-arq_125bd_850hz	X
F7B Morse/Baudot			f7b_baudot_morse	X
F7B Morse			f7b_morse	X
FEC-A 145Bd 850Hz			fec-a_145bd_850hz	X
FEC-A 96Bd 85Hz			fec-a_96bd_85hz	X
FEC-A 96Bd 200Hz			fec-a_96bd_200hz	X
FEC-A 96Bd 400Hz			fec-a_96bd_400hz	X
FEC-A 192Bd 400Hz			fec-a_192bd_400hz	X
FEC-A 192Bd 850Hz			fec-a_192bd_850hz	X
FEC-S	SI-FEC			X
FEC12	Visel			X
FEC 100	FEC-A			X
FEC 101	FEC-A			X

Modem	Same as	Remarks	Modem File	Src*
FIRE	CIS-12			X
Frost	CIS 81-81			X
FROST1	CIS 405 3915			X
FSK 400/500		detection only	fsk_400_500	X
Globe Wireless FSK 100Bd			gw_fsk_100bd_200hz	X
Globe Wireless FSK 200Bd			gw_fsk_200bd_200hz	X
Globe Wireless PSK			gw_psk_200bd_psk4	X
Globe Wireless OFDM		detection only	gw_ofdm	-
Globe Wireless Pactor	Globe Wireless FSK/ PSK			X
GMDSS	DSC-HF			X
G-TOR 300Bd 180Hz			g-tor_300bd_180hz	X
G-TOR 100Bd 200Hz			g-tor_100bd_200hz	X
G-TOR 200Bd 200Hz			g-tor_200bd_200hz	X
Golay	G-TOR			X
GW DATAPLEX	Globe Wireless FSK/ PSK			X
HFDL PSK2			hfdl_psk2	X
HNG-FEC			hng_fec	X
IRA-ARQ	BULG-ASCII			X
ITA-2 Twin	F7B Morse/Baudot			X
MD-674			md-674	-
MERLIN	ALIS			X
MEROD			merod	X
MFSK-8			mfsk-8	X
MFSK-16			mfsk-16	X
MIL-188-141A	ALE 2G			-
MIL-188-141B	ALE 2G			-
Morse 30-60			morse_30_60	X
Morse 60-125			morse_60_125	X
MS5	CIS-12			X
NUM 13	SP 14			X
Olivia			olivia-1000-32	X
Packet 300			packet-300	X
PACTOR I			pactor_i	X
PACTOR I FEC			pactor_i_fec	X
PACTOR II			pactor_ii	-
PACTOR II FEC			pactor_ii_fec	-
PACTOR III			pactor_iii	-
PACTOR I/II/III		Includes all PACTOR modes I/ II/III	pactor	-
PACTOR IV		detection only	pactor_iv_det	-
Piccolo MK6			piccolo_mk6	X
Piccolo MK12			piccolo_mk12	X
Piccolo 6	Piccolo MK6			X
Pol-ARQ			pol-arq_100bd	X
Piccolo 12	Piccolo MK12			X
PSK10			psk10	X
PSK-AM 10Bd			psk-am_10bd	X
PSK31			psk31	X
PSK-AM 31Bd			psk-am_31bd	X
PSK31-FEC			psk31fec	X
PSK-AM 50Bd			psk-am_50bd	X
PSK63		variant of PSK31 with higher baud rate	psk63-psk2	X
PSK63-FEC		variant of PSK31 with FEC	psk63_fec	X

Modem	Same as	Remarks	Modem File	Src*
PSK125		variant of PSK31 with higher baud rate	psk125_psk2	X
PSK125-FEC		variant of PSK31 with FEC	psk125_fec	X
PSK250		variant of PSK31 with higher baud rate	psk250	X
PSK220-FEC		variant of PSK31 with FEC	psk220_fec	X
QPSK31			qpsk31	X
QPSK63		variant of QPSK31 with higher baud rate	qpsk63	X
QPSK125		variant of QPSK31 with higher baud rate	qpsk125	X
QPSK250		variant of QPSK31 with higher baud rate	qpsk250	X
QPSK500		variant of QPSK31 with higher baud rate	qpsk500	X
RAC-ARQ	MEROD			X
RACAL-ARQ	MEROD			X
ROU-FEC	RUM-FEC			X
RS-ARQ	ALIS			X
RUM-FEC			rum-fec_165bd	X
Voice J3E-USB - SELCAL ICAO			voice_j3e_selcal_icao	X
SI-ARQ			si-arq	X
SI-FEC			si-fec	X
SITOR-A 170Hz			sitor-a_170hz	X
SITOR-A 1300Hz			sitor-a_1300hz	X
SITOR ARQ	SITOR-A			X
SITOR-B 100Bd 170Hz			sitor-b_100bd_170hz	X
SITOR-B 100Bd 400Hz			sitor-b_100bd_400hz	X
SITOR FEC	SITOR-B			X
SP14			sp14	X
SPREAD 11	Autospec			X
SPREAD 21	Autospec			X
SPREAD 51			spread51	X
Saud-FEC	RUM-FEC			X
SWED-ARQ			swed_arq	X
T-600	CIS-36-50			X
TDM 242	ARQ-M2 242/ARQ-M4 242			X
TDM 342	ARQ-M2 342/ARQ-M4 342			X
TDM 342 1 Channel	ARQ-E3			X
TOR dirty	Sitor B			X
TORG 10/11	CIS-11			X
TORG 14	CIS-14			X
Twinplex			twinplex	X
Visel			visel	X
Voice A3E			voice_a3e	X
Voice A3E/J3E			voice_a3e_j3e	X
YUG-MIL	Visel			X
X06 - Mazielka			x06	X

Modem	Same as	Remarks	Modem File	Src*
VHF/UHF decoders				
ACARS VHF			acars_vhf	X
AIS			ais	X
ATIS			atis	X
BIIS			biis	X
CityRuf	POCSAG			X
DSC-VHF			dsc-vhf	X
ERMES			ermes	X
Flex			flex	X
Flex 1600Bd PSK2		for baseband demodulation	flex_1600bd_psk2	X
FMS-BOS			fms_bos	X
GMDSS-VHF	DSC-VHF			X
Golay/GSC	Golay Pager			X
Golay Pager			golay_pager	X
Mobitex 1200			mobitex-1200	X
Mobitex 80	Mobitex 1200			X
Mobitex 8000			mobitex-8000	X
Mobitex 400	Mobitex 8000			X
MPT1306	SELCAL CTCSS			X
MPT1316	SELCAL EEA			X
NMT450			nmt450	X
Packet 600			packet-600	X
Packet 1200			packet-1200	X
Packet 2400			packet-2400	X
Packet 4800			packet-4800	X
Packet 9600			packet-9600	X
POCSAG 1200Bd			pocsag_1200bd	X
POCSAG 512Bd			pocsag-512bd	X
POCSAG 2400Bd			pocsag-2400bd	X
SELCAL CCITT		only for nominal frequency mode	ccitt	X
SELCAL CCIR-1		only for nominal frequency mode	ccir	X
SELCAL CCIR-2		only for nominal frequency mode	ccir-2	X
SELCAL CCIR-7	SELCAL CCIR-2	only for nominal frequency mode		X
Voice F3E - SELCAL CTCSS			ctcss	X
SELCAL DTMF	included in Voice F3E - SELCAL DTMF			X
Voice F3E - SELCAL DTMF			voice_f3e_dtmf	X
SELCAL DTMF sub		for baseband demodulation	dtmf	X
SELCAL DZVEI	included in SELCAL ZVEI	only for nominal frequency mode		X
SELCAL EEA		only for nominal frequency mode	eea	X
SELCAL EIA		only for nominal frequency mode	eia	X
SELCAL EURO		only for nominal frequency mode	euro	X
SELCAL EURO5	SELCAL EURO	only for nominal frequency mode		X
SELCAL MODAT		only for nominal frequency mode	modat	X

Modem	Same as	Remarks	Modem File	Src*
SELCAL NATEL		only for nominal frequency mode	natel	X
SELCAL PCCIR	SELCAL CCIR-1			X
SELCAL PDZVEI	included in SELCAL ZVEI			X
SELCAL PZVEI	included in SELCAL ZVEI			X
SELCAL VDEW		only for nominal frequency mode	vdew	X
SELCAL ZVEI			zvei	X
SELCAL ZVEI-1	included in SELCAL ZVEI			X
SELCAL ZVEI-2	included in SELCAL ZVEI			X
SELCAL ZVEI-3	included in SELCAL ZVEI			X
Tetrapol		detection only	tetrapol	-
VDL 2			vdl2	X
VDL 3			vdl3	X

Modem	Same as	Remarks	Modem File	Src*
PMR (Professional Mobile Radio) package (optional)				
APCO-25			apco-25	-
DMR		for burst emissions	dmr	-
DMR Continuous		for continuous emissions	dmr_continuous	-
dPMR			dpmr	-
D-STAR			d-star	-
MPT1327 1200Bd MSK			mpt1327_1200bd_msk	X
NXDN 2400Bd			nxdn_2400bd	-
NXDN 4800Bd			nxdn_4800bd	-
Tetra			tetra	-
Tetra DMO			tetra_dmo	-
Tetra Uplink			tetra_uplink	-

Modem	Same as	Remarks	Modem File	Src*
Military package (optional)				
ALE 3G			ale-3g	-
CHN 4+4		for signals with normal polarity (USB)	chn4plus4	-
CHN 4+4 (INV)		for signals with inverted polarity (LSB)	chn4plus4_inv	-
CV-786			cv-786	-
Haegelin-Cryptos	HC-ARQ			X
HC-ARQ			hc-arq	X
LINK-11 CLEW			link-11_clew	X
LINK-11 SLEW	STANAG 5511 SLEW		link-11_slew	-
MD-522	MIL-M-55529A			-
MIL-188-110A ser.	partly included in STANAG 4539/4415			-
MIL-188-110A App. C	STANAG 4539			-
MIL-188-110B ser.	partly included in STANAG 4539/4415			-
MIL-188-110B App.C	partly included in STANAG 4539 HDR			-
MIL-188-110 16 Tone		only raw output	mil188-110_16tone	-
MIL-188-110 39 Tone			mil188-110_39tone	-
MIL-188-141B App. C	ALE 3G			-
MIL-M-55529A			mil-m-55529a	-
STANAG 4197		audio codec not part of installation	stanag4197	-
STANAG 4285		Terminal Mode: ASCII8 & Baudot	stanag4285	-
STANAG 4415		75bps (also Part of Mil188-110A/B)	stanag4415	-
STANAG 4481 (FSK)			stanag4481_fsk	-
STANAG 4481 (PSK)			stanag4481_psk	-
STANAG 4529		Terminal Mode: ASCII8 & Baudot	stanag4529	-
STANAG 4538	ALE 3G			-
STANAG 4539		150-4800 Bit/s	stanag4539	-
STANAG 4539 HDR		3200 - 4800 Bit/s	stanag4539-hdr	-
STANAG 5065		(also Part of Mil188-110A/B)	stanag_5065_fsk	-
STANAG 5066	included in STANAG 4285	STANAG4285 with protocol 5066		-
STANAG 5511	LINK-11 CLEW			X
STANAG 5511 SLEW	LINK-11 SLEW			-
TADIL A	LINK-11 CLEW			X
TADIL B	LINK-11 CLEW			X
Only one decoder will be delivered for modems with several (alias) names.				
white line		primary modem name		
grey line		alias name		
Src*		availability of decoder source code depends on product		