

Abbreviations

DVB

Internet

MPEG

Multimedia

Please send your comments, questions and suggestions by e-mail to: michael@knietsch.com, thank you.

Abbreviation	English
A/D	Analog/Digital
A/V	Audio/Video
AAC	Advanced Audio Coding
AAL	ATM Adapter Layer
ABR	Available Bit Rate
AC	Alternating Current
ADC	Analog to Digital Converter
ADD/DROP-MUX	Add and Drop Multiplexer
ADPCM	Adaptive Differential Pulse Code Modulation
ADR	Astra Digital Radio
ADSL	Asymmetric Digital Subscriber Line
AES	Audio Engineering Society
AF	Adaptation Field
AF	Audio Frequency
AFC	Automatic Frequency Control
AGC	Automatic Gain Control
AGDT	Additional Guide Data Table
AGL	Above Ground Level
AM	Amplitude Modulation
ANSI	American National Standards Institute
API	Application Programming Interface
APS	Antenna Positioning System
AR	Activity Ratio
ASCII	American Standard Code for Information Interchange
ASI	Asynchronous Serial Interface
ASIC	Application Specific Integrated Circuit
ASK	Amplitude Shift Keying
ATM	Asynchronous Transfer Mode
ATSC	Advanced Television Systems Committee
ATSC-MPG	ATSC-Master Guide Table
ATV	Advanced Television
B - frame	Bi-directional prediction frame
BAN	Broadband Access Network
BAP	Body Animation Parameters
BAT	Bouquet Association Table
BCD	Binary Coded Decimal
BDP	Body Definition Parameters
BER	Bit Error Rate
BERT	Bit Error Rate Test
BNC	Bayonet-Neill-Concelman (connector)
BOM	Begin of Message
BP	Band-Pass
BPSK	Binary Phase Shift Keying
BRA	Basic Rate Access
BRR	Bit Rate Reduction
BSAC	Bit-Sliced Arithmetic Coding
BTA	Broadcasting Technology Association
BW	Bandwidth
C/I	Carrier to Interference Ratio
C/N	Carrier to Noise Ratio
CA	Conditional Access

Abbreviation	English
CAM	Conditional Access Module
CAS	Conditional Access System
CAT	Conditional Access Table
CATV	Community Antenna Television (Cable Television)
CCD	Charge Coupled Device
CCIR	Comité Consultatif International des Radiocommunications (French, since 1993: ITU-R)
CCIR	Consultative Committee for International Radiocommunications
CCITT	Comité Consultatif International Téléphonique et Télégraphique (French, since 1993: ITU-R)
CD	Compact Disc
CDA	Confidential Disclosure Agreement
CD-DA	Compact Disc - Digital Audio
CD-I	Compact Disc - Interactive
CDMA	Code Division Multiple Access
CD-ROM	Compact Disc - Read Only Memory
CE	Core Experiment
CEC	Commission of the European Community
CEI	Commission Electrotechnique Internationale
CELP	Code Excited Linear Prediction
CEMA	Consumer Electronics Manufacturers Association
CEN	Comité Européen de Normalisation
CENELEC	Comité Européen de Normalisation Electrotechnique
CEPT	Conférence Européenne des Administrations des Postes et des Télécommunications (French), European Conference of Postal and Telecommunications Administrations
CI	Common Interface
CIF	Common Intermediate Format
CIT	Channel Information Table
CLK	Clock
CLUT	Colour Look-Up Tables
CMIP	Common Management Information Protocol
CMOS	Complementary Metal Oxide Semiconductor
CNR	Carrier to Noise Ratio = C/N
CODEC	Coder-Decoder
COFDM	Coded Orthogonal Frequency Division Multiplexing
CPB	Constrained Parameter Bitstream
CPE	Customer Premises Equipment
CPS	Constrained Parameter Set
CPU	Central Processing Unit
CRC	Cyclic Redundance Check
CRT	Cathode Ray Tube
CSA	Common Scrambling Algorithm
CTB	Composite Triple Beat
CW	Control Word
D/I	Drop and Insert
DAB	Digital Audio Broadcasting
DAC	Digital to Analog Converter
DAI	DMIF-Application Interface
DAPSK	Differential Amplitude Phase Shift Keying
DAVIC	Digital Audio-Visual Council

Abbreviation	English
dB	Decibel
DBS	Direct Broadcast Satellite
DC	Direct Current
DCC	Digital Communications Channel
DCC	Digital Compact Cassette
DCE	Data Communication Equipment
DCO	Digital Controlled Oscillator
DCT	Discrete Cosine Transform
DDR	Digital Disk Recorder
DDS	Digital Data Service
DECT	Digital Enhanced Cordless Telecommunications
DEMOD	Demodulator
DEMUX	Demultiplexer
DFD	Displayed Frame Difference
DIP	Descriptive Information Parcel
DIS	Draft International Standard
DIT	Discontinuity Information Table
DMA	Direct Memory Access
DMIF	Delivery Multimedia Integration Framework
DNI	DMIF Network Interface
DNS	Domain Name Server
DPCM	Differential Pulse Code Modulation
DPSK	Differential Phase Shift Keying
DRAM	Dynamic Random Access Memory
DRO	Dielectric Resonator Oscillator
DS	DMIF signalling
DSBSC	Double Sideband Suppressed Carrier
DSC	Digital Serial Components
DSM-CC	Digital Storage Media - Command and Control
DSNG	Digital Satellite News Gathering
DSP	Digital Signal Processor
DSR	Digital Satellite Radio
DSS	Digital Satellite System
DTE	Data Terminal Equipment
DTH	Direct to Home (Satellite reception)
DTS	Decoding Time Stamp
DTTB	Digital Terrestrial Television Broadcasting
DTTV	Digital Terrestrial Television
DTTV-SA	Digital Terrestrial Television - Systems Aspects
DTV	Digital Television
DVB	Digital Video Broadcasting
DVB-ASI	Digital Video Broadcasting - Asynchronous Serial Interface
DVB-C	DVB-Cable
DVB-CA	DVB-Conditional Access
DVB-CS	DVB-Cable Satellite Master Antenna Television Distribution System
DVB-Data	DVB-Data Broadcasting
DVB-LVDS	Digital Video Broadcasting - Low Voltage Differential Signalling
DVB-MC	DVB-Microwave Cable Based
DVB-MG	DVB-Measurement Group
DVB-MS	DVB-Microwave Satellite Based
DVB-NIP	

Abbreviation	English
DVB-PI	DVB-Physical Interface Group
DVB-RCC	DVB-Return Channel Cable
DVB-RCT	
DVB-S	Digital Video Broadcasting - Satellite
DVB-SI	Digital Video Broadcasting - Service Information
DVB-T	Digital Video Broadcasting - Terrestrial
DVC	Digital Video Cassette
DVD	Digital Video Disc
DVI	Digital Video Interactive
EACEM	European Association of Consumer Electronics Manufacturers
EAV	End of Active Video
EBU	European Broadcasting Union(UER, French)
ECL	Emitter Coupled Logic
ECM	Entitlement Control Message
EDTV	Enhanced Definition Television
EEPROM	Electrically Erasable Programmable Read Only Memory
EHF	Extremely High Frequency
EIRP	Effective Isotropic Radiated Power
EIT	Event Information Table
EMM	Entitlements Management Message
EN	European Norms
EOM	End OF Message
EPG	Electronic Program Guide
ERC	European Regulatory Committee
ERO	European Radio Communications Office
ES	Elementary Stream
ESA	European Space Agency
ETR	ETSI Telecommunication Report
ETS	European Telecommunication Standard
ETSI	European Telecommunications Standards Institute
EVM	Error Vector Magnitude
EX-OR	Exclusive Order (XOR)
F/D	Focal Distance to Diameter Ratio
FAP	Facial Animation Parameters
FAQ	Frequently Asked Questions
FBA	Facial and Body Animation
FCAPS	Faults, Configuration, Accounting, Performance and Security management
FCC	Federal Communications Commission
FDDI	Fiber Distributed Data Interface
FDM	Frequency Division Multiplex
FDMA	Frequency Division Multiple Access
FDP	Facial Definition Parameters
FEC	Forward Error Correction
FFT	Fast Fourier Transform
FM	Frequency Modulation
FPGA	Field Programmable Gate Arrays
FSK	Frequency Shift Keying
FSS	Fixed Satellite Service
FTP	File Transfer Protocol
FTTB	Fibre To The Building

Abbreviation	English
FTTC	Fibre To The Curb
FTTH	Fibre To The Home
G/T	Gain over Noise Temperature
Gb/s	Gigabits per Second
GDMO	Guidelines for the Definition of Managed Objects
GFC	Generic Flow Control
GHz	Gigahertz
GIF	Graphics Interchange Format
GMT	Greenwich Mean Time
GOP	Group of Pictures
GPS	Global Positioning System
GSM	Global System for Mobile Communications
GSO	Geo-Synchronous Orbit
GSTN	General Switched Telephone Network
HAN	Home Access Network
HDCL	High-speed Data link Channel
HDD	Hard Disk Drive
HD-MAC	High Definition Multiplexed Analogue Components
HDSL	High-speed Digital Subscriber Line
HDTV	High Definition Television
HEC	Headed Error Control
HEX	Hexadecimal
HFC	Hybrid Fibre Coax
HILN	Harmonic Individual Line and Noise
HLN	Home Local Network
HP	Horizontal Polarization
HPA	High Power Amplifier
HTML	HyperText Mark-up Language
HTTP	HyperText Transfer Protocol
HVXC	Harmonic Vector Excitation Coding
I - frame	Intra-coded frame
I/O	Input/Output
I/Q	In/Quadratur-Phase
IBO	Input Backoff
IC	Integrated Circuit
ICTSB	Information and Communication Technology Standards Board
ID	Identification, Identifier
IDCT	Inverse Discrete Cosine Transform
IDFT	Inverse Discrete Fourier Transform
IEC	International Electrotechnical Committee
IEEE	Institute of Electrical and Electronic Engineers
IETF	Internet Engineering Task Force
IF	Intermediate Frequency
IMUX	Input Multiplexer
IP	Internet Protocol
IPI	Intellectual Property Identification
IPP	Internet Presence Provider
IPPV	Impulse Pay per View
IPR	Intellectual Property Rights
IR	Infra Red
IRD	Integrated Receiver Decoder

Abbreviation	English
IRE	Institute of Radio Engineers
IRQ	
IS	International Standard
ISA	Industry Standard Architecture
ISDB-T	Integrated Services Digital Broadcasting-Terrestrial
ISDN	Integrated Services Digital Network
ISI	Inter-Symbol Interference
ISL	Intersatellite Link
ISO	International Standards Organization
ISP	Internet Service Provider
ITFS	Instructional Television Fixed Service
ITU	International Telecommunications Union(UIT, French)
ITU-R	International Telecommunications Union -Radiocommunication
ITU-T	International Telecommunications Union -Telecommunication
ITU-TS	International Telecommunications Union-Telecommunication Standardisation Sector
JPEG	Joint Photographic Experts Group
JTC	Joint Technical Committee
kb/s	Kilobits per second
kHz	Kilohertz
KLT	Karhunen-Loeve Transform
LAN	Local Area Network
LAR	Logarithmic Area Ratio
LC	Low Complexity
LCD	Liquid Crystal Display
LDTV	Low Definition Television
LED	Light Emitting Diode
LMDS	Local Multipoint Distribution System
LNA	Low Noise Amplifier
LNB	Low Noise Block
LO	Local Oscillator
LOS	Line of Sight
LP	Low Power
LPC	Linear Predictive Coding
LSB	Least Significant Bit
LSP	Line Spectral Pairs
LTP	Long Term Prediction
LVDS	Low Voltage Differential Signaling
MAC	Media Access Control
MAC	Multiplexed Analog Components
MATV	Master Antenna Television
Mb/s	Megabits per second
MBPS	Megabits per second
MBU	Multiple Business Unit
MC	Multichannel (MPEG-2 Audio)
MCNS	Multimedia Cable Network Systems
MCPC	Multi Channel per Carrier
MCS	Multipoint Communications System
MCU	Multipoint Control Unit
MDCT	Modified Discrete Cosine Transform
MDS	Multipoint Distribution Service

Abbreviation	English
MFN	Multiple Frequencies Network
MHEG	Multimedia and Hypermedia Expert Group
MHP	Multimedia Home Platform
MHz	Megahertz
MIB	Management Information Base
MIDI	Musical Instrument Digital Interface
MIME	Multipurpose Internet Mail Extensions
MIPS	Mega/Million Instructions Per Second
M-JPEG	Motion-JPEG (Joint Photographic Experts Group)
MMDS	Multichannel Microwave Distribution System
MMDS	Multichannel Multipoint Distribution System
MMI	Man-Machine-Interface
MODEM	Modulator/Demodulator
MOPS	Mega/Million Operations Per Second
MP@ML	Main Profile at Main Level
MPEG	Moving Picture Experts Group
MPEG-J	Framework for MPEG Java API's
MPG	Master Guide Table
MPTS	Multiple Programs Transport Stream
MR	Multi-Resolution
MR-QAM	Multi-Resolution QAM
MSB	Most Significant Bit
MSDL	MPEG 4 Systems and Description Language
MSO	Multi-System Operator
MTBF	Mean Time Between Failures
MTS	Multiple Transport Stream
MUSE	Multiple-Subsampling-Encoding
MUSICAM	Masking Pattern Adapted Universal Subband Integrated Coding and Multiplexing
MUX	Multiplexer
MVDS	Multipoint Video Distribution System (40 GHz Band)
MVPD	Multichannel Video Programming Distributor
NA	Network Adapter
NAB	National Association of Broadcasters
NBC	Non-Backwards Compatible Audio (MPEG-2 Audio)
NHK	Nippon Hoso Kyokai, Japanese broadcaster
NIC	Network Information Centre
NIT	Network Information Table
NM	Network Management
NMF	Network Management Forum
NNI	Network Network Interface
NRZ	Non-Return-to-Zero
NT	Windows NT
NTSC	National Television System Committee
NVOD	Near Video On Demand
OBO	Output Backoff
OCAM	Open Conditional Access Module
OD	Object descriptor
OFDM	Orthogonal Frequency Division Multiplex
OFS	Operational Fixed Service
OMT	Rumbaugh Object Modeling Technique

Abbreviation	English
OMUX	Output Multiplexer
OSD	On Screen Display
OSI	Open Systems Interconnection
P - frame	Predicted frame
PAL	Phase Alternating Line
PALplus	Advanced PAL
PAT	Program Association Table
PC	Personal Computer
PCI	Program Controlled Interrupt
PCM	Pulse Code Modulation
PCMCIA	Personal Computer Memory Card International Association
PCR	Program Clock Reference
PD	Phase Discriminator
PDH	Plesiochronous Digital Hierarchy
PDM	Pulse Duration Modulation
PDU	Protocol Data Unit
PES	Packetized Elementary Stream
PH	PES Header
PI	Professional Interface
PID	Packet Identifier
PIN	Personal Identification Number
PIP	Privat Information Parcel
PL	Payload
PLL	Phase Locked Loop
PMT	Program Map Table
POP	Point of Presence
POTS	Plain Old Telephone Service
PPP	Point to Point Protocol
PPV	Pay per View
PRA	Primary Rate Access
PRBS	Pseudo-Random Binary Sequences
PS	Program Stream
PSD	Power Spectral Density
PSI	Program Specific Information
PSK	Phase Shift Keying
PSNR	Peak Signal to Noise Ratio
PSS	Procedures, Specifications, Standards
PSTN	Public Switched Telephone Network
PTI	Payload Type Indicator
PTS	Presentation Time Stamp
PTT	Post, Telegraph and Telephone
PVRG	Portable Video Research Group
QAM	Quadrature Amplitude Modulation
QCIF	Quarter Common source Intermediate Format
QEF	Quasi Error-Free
QOS	Quality of Service
QPSK	Quadrature Phase Shift Keying
RAID	Redundant Array of Independent Disks
RAM	Random Access Memory
RC	Remote Control
RES	Residential

Abbreviation	English
RF	Radio Frequency
RFI	Radio Frequency Interference
RFP	Request for Proposal
RFP	Request for Proposal
RGB	Red Green Blue
RJ	Registered Jack (connector)
RLC	Run Length Coding
RMA	Random Multiple Access
ROM	Read Only Memory
RPC	Remote Procedure calls
RS	Reed-Solomon (-Code)
RSA	Response Service Area
RSH	Response Station Hub
RST	Running Status Table
RTSP	Real Time Streaming Protocol
RTTP	Real Time Transport Protocol
S/N	Signal to Noise Ratio
SAAL	Signaling ATM Adaption Layer
SAR	Successive Approximation Register
SAS	Subscriber Authorization System
SAV	Start of Active Video
SAW	Surface Acoustic Wave (Filter)
SB	Steering Board
SC	Subcommittee
SCPC	Single Channel per Carrier
SCR	System Clock Reference
SCSI	Small Computer Standard Interface
SDH	Synchronous Digital Hierarchy
SDI	Serial Digital Interface
SDS	Satellite Digital Systems
SDT	Service Description Table
SDTV	Standard Definition Television
SECAM	Séquentielle à Mémoire(French), Sequential with memory(television)
SER	Symbol Error Rate
SFN	Single Frequency Network
SGML	Standard Graphical Mark-up Language
SI	Service Information
SIF	Source Input Format
SIMD	Single Instruction Multiple Data
SIMS	Service Information Management System
SIT	Service Information Table
SL	Synchronization Layer
SLA	Service Level Agreement
SLM	Signal Level Meter
SMATV	Satellite Master Antenna Television
SMPTE	Society of Motion Picture and Television Engineers
SMS	Subscriber Management System
SNA	System Network Architecture
SNG	Satellite News Gathering
SNHC	Synthetic Natural Hybrid Coding
SNMP	Simple Network Management Protocol

Abbreviation	English
SNR	Signal to Noise Ratio (= S/N)
SOD	Service on Demand
SOHO	Small Office, Home Office
SONET	Synchronous Optical Network
SPI	Synchronous Parallel Interface
SPTS	Single Program Transport Stream
SRAM	Static Read Access Memory
SS	Solid State
SSI	Synchronous Serial Interface
SSPA	Solid State Power Amplifier
ST	Stuffing Table
STB	Set Top Box
STC	System Time Clock
STL	Studio Transmitter Link
STM	Synchronous Transport Module
STP	Shielded Twisted Pair
SW	Short Wave
T/F coder	Time/Frequency Coder
TA	Terminal Adapter
TBD	
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol / Internet Protocol
TDM	Time Division Multiplexing
TDMA	Time Division Multiple Access
TDT	Time Date Table
TI	Terrestrial Interference
TIFF	Tagged Image File Format
TM	Technical Module(within DVB-Project)
TMN	Telecommunications Management Network
TOT	Time Offset Table
TP	
TPO	Transmitter Power Output
TPS	Transmission Parameter Signaling
TS	Transport Stream
TSINP	Transport Stream Input
T-STD	Transport Stream System Target Decoder
TTL	Transistor Transistor Logic
TTS	Text to Speech
TV	Television
TVRO	Television Receive Only
TWTA	Traveling Wave Tube Amplifier
TX	Transmitter
UDP	User Datagram Protocol
UER	Union Européenne de Radio-Télévision(French)
UHF	Ultra High Frequency, 470 - 862 MHz (Television)
UIT	Union Internationale des Télécommunications(French)
UMTS	Universal Mobile Telecommunication System
UNIX	
UPS	Uninterruptable Power Supply
URD	User Requirements Document
URL	Uniform Resource Locator

Abbreviation	English
UTC	Universal Time, Coordinated
UTO	Unshielded Twisted Pair
VBI	Vertical Blank Interleave
VBR	Variable Bit Rate
VBV	Video Buffer Verifier (MPEG-2 Video)
VC	Virtual Channel
VCO	Voltage Controlled Oscillator
VCR	Video Cassette Recorder
VDSL	Very high-bit rate Digital Subscriber Line
VHF	Very High Frequency
VHS	Video Home System
VLBV	Very Low Bitrate Video
VLC	Variable Length Coding
VLD	Variable Length Decoder
VLSI	Very Large Scale Integration
VMS	Virtual Memory System
VOD	Video on Demand
VP	Vertical Polarization
VP	Virtual Path
VPI	Virtual Path Indicator
VRML	Virtual Reality Modeling Language
VSAT	Very Small Aperture Satellite Transmission
VSAT	Very Small Aperture Terminal
VSB-AM	Vestigial Sideband Amplitude Modulation
VSWR	Voltage Standing Wave Ratio
VTO	Voltage Tuned Oscillator
VTR	Video Tape Recorder
WAN	Wide Area Network
WCA	Wireless Cable Association International
WCS	Wireless Communication Service
WG	Working Group
WGDTB	Working Group on Digital Television Broadcasting
WLL	Wireless Local Loop
WMN	Wireless Multimedia Network
WPM	Wireless PC Modem
WWW	World Wide Web
WYSIWYG	What You See Is What You Get
Y	Luminance