

Annex - 7

IEC TC 100 Audio, video and multimedia systems and equipment

SCOPE- To prepare International publications in the field of audio, video and multimedia systems and equipment.

These publications mainly include specification of the performance, methods of measurement for consumer and professional equipment and their application in systems and its interoperability with other systems or equipment.

Note: Multimedia is the integration of any form of audio, video, graphics, data and telecommunication and integration includes the production, storage, processing, transmission, display and reproduction of such information

Abbreviations

TA =Technical Area

WG =Working Group

PT =Project Team

MT =Maintenance Teams

AG =Advisory Groups

ahG=Ad-Hoc Groups

EG =Editing Group

PWI = Preliminary work Item

Pre PNW =Preperation of NP document

ACD =Approved for CD

CD =Committee Draft

PCC =Preperation of CC

APUB =Approved for Publication

CCDV =Draft circulated as CDV

PRVC =Preparation of RVC

RFDIS =FDIS received & Registered

CFDIS =Draft circulated as FDIS

TCDV =Translation of CDV

CDM =CD to be discussed at meeting

PRVN =Preparation of RVN

ACDV =Approved for CDV

BPUB=Being Published

APUB =Approved for Publication

RPUB =Publication received & Registered

TC 100 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
TA 1	Terminals for audio, video and data services and content
TA 2	Colour measurement and management
TA 4	Digital system interfaces and protocols
TA 5	Cable networks for television signals, sound signals and interactive services
TA 6	Storage media, storage data structures, storage systems and equipment
TA 15	Wireless Power Transfer
TA 16	Active Assisted Living (AAL), wearable electronic devices and technologies, accessibility and user interfaces
TA 17	Multimedia systems and equipment for vehicles
TA 18	Multimedia home systems and applications for end-user networks
TA 19	Environmental and energy aspects for multimedia systems and equipment
TA 20	Analogue and digital audio
Working Group	
WG 11	User's Quality of Experience (QoE) on Multimedia Conferencing Services
WG 12	Multimedia systems and equipment for metaverse
Project Team	
PT 63448	Low and Ultra-low Latency Communication and Control Systems

PT 63558	Automatic speech recognition: Classification by acoustic and linguistic indicators in the real environment
PT 63565	Visual comfort of display terminals
Maintenance Teams	
MT 61947	Electronic projection - Measurement and documentation of key performance criteria
MT 62394	Service diagnostic interface for consumer electronics products and networks - Implementation for ECHONET
Advisory Groups	
AG 3	General Maintenance Team (GMT)
AG 13	Chair's advisory group (CAG)
AG 21	Terminology
Ad-Hoc Groups	
ahG 10	TC 100 AGS strategic priorities and future topics and Use cases and related studies
Editing Group	
EG 5	Editing Group
Joint Advisory Group	
JAG 22	Coordination of standardization activities relating to the scope of TC 100 and TC 110 linked to TC 110

TC 100 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-49 Multimedia Systems and Equipment for Metaverse - Part 1: General	PWI 2024-06	2027-06	
2	PWI 100-58 Multimedia Systems and Equipment for Metaverse - Part 2: Classification	PWI 2024-06	prePNW 2027-06	WG 12
3	PWI TR 100-59 Multimedia Systems and Equipment for Metaverse - Part 3: Gap Analysis	PWI 2023-09	2027-06	WG 12
4	IEC 61947-1 ED2 Electronic projection - Measurement and	ACD 2023-01	CD 2023-06	MT 61947

	documentation of key performance criteria - Part 1: Fixed resolution projectors			
5	IEC 61947-2 ED2 Electronic projection - Measurement and documentation of key performance criteria - Part 2: Variable resolution projectors	ACD 2023-01	CD 2023-06	MT 61947
6	IEC 62394 ED5 Service diagnostic interface for consumer electronics products and networks - Implementation for ECHONET	BPUB 2024-08	PPUB 2024-10	MT 62394
7	IEC 63448 ED1 Low and Ultra-low Latency Communication and Control Systems	ACD 2022-05	CD 2023-09	PT 63448
8	IEC 63478-2 ED1 User's Quality of Experience (QoE) on Multimedia Conferencing Services - Part 2: Requirements	CD 2024-08	PCC 2024-10	WG 11
9	IEC 63478-3 ED1 User's Quality of Experience (QoE) on Multimedia Conferencing Services - Part 3: Measurement methods	ACD 2024-03	CD 2025-03	WG 11
10	IEC TR 63558 ED1 Automatic speech recognition: Classification according to acoustic and linguistic indicators in real-life applications	RDTR 2024-08	CDTR 2024-10	PT 63558
11	IEC TR 63565 ED1 Visual comfort of display terminals	RDTR 2024-08	CDTR 2024-10	PT 63565

TC 100/TA 1 Terminals for audio, video and data services and content

SCOPE- To develop international standards related to consumer electronics equipment for access and services of audio, video, data, and multimedia content.

TA 1 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) Working Group	and/or	Title
Working Group		
WG 1		Terminals for VR/AR/MR
Project Team		
PT 63447-1		Impact of the smart mobile device form factor on multimedia services
PT 63447-2		Use cases of multimedia services depending on form factor of smart mobile devices”
Maintenance Teams		
MT 60107-1		Methods of measurement on receivers for television - Part 7: HDTV displays
MT 60315		Methods of measurement on radio receivers for various classes of emission - Part 4: Receivers for frequency-modulated sound broadcasting emissions
MT 62104		Characteristics of DAB receivers
MT 62106		Specification of the radio system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz
MT 62216		Digital terrestrial television receivers for the DVB-T system
MT 62360		Baseline Specifications of Satellite and Terrestrial Receivers for ISDB
MT 62448		Multimedia systems and equipment - Multimedia e-publishing and e-books - Generic format for e-publishing
MT 62455		Internet protocol (IP) and transport stream
MT 62605		Multimedia systems and equipment - Multimedia e-publishing and e-books - Interchange format for e-dictionaries

MT 62766	Open IPTV Forum (OIPF) Consumer Terminal Function and Network Interfaces for Access to IPTV and Open Internet Multimedia Services - Part 4-1: Protocols
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TC 100/TA 1 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	IEC TR 100-45 ED1 AR Technology	ACD 2023-05	CD	WG 1
2	PWI 100-56 Terminals for VR/AR/MR - Test method - Part 1: Durability test for AR devices	PWI 2023-09	prePNW 2028-09	
3	PNW 100-4189 ED1 Terminals for VR/AR/MR – Glossary of terms	PNW 2024-08	PRVN 2024-10	WG 1
4	PNW 100-4191 ED1 Terminals for VR/AR/MR – Consumer VR/AR/MR devices - Part 1: Reference model	PNW 2024-08	PRVN 2024-10	WG 1
5	IEC 60315-4/AMD1 ED2 Amendment 1 - Methods of measurement on radio receivers for various classes of emission - Part 4: Receivers for frequency-modulate d sound broadcasting emissions	PCC 2024-03	2024-03	MT 60315

TC 100/TA 2 Colour measurement and management

SCOPE- To develop international publications relating to colour measurement and management for use in multimedia systems and equipment. Such publications may have a wider application.

TA 2 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Project Team	
PT 61966-13	Multimedia systems and equipment - Colour measurement and management - Part 13: Measurement method of Display Colour Properties Depending on Observers
PT 63509	Device Characterization Methods of Multi-primary Displays
Maintenance Teams	
MT 3	Measurement methods of blue light characteristics and related optical performance for visual display terminals
MT 61966-2-4	Extended gamut YCC colour space for video applications - xvYCC
MT 61966-5	Colour measurement and management - Multimedia systems and equipment - Part 5: Equipment using Plasma Display Panels
MT 61966-7-1	Multimedia systems and equipment - Colour measurement and management - Part 7-1: Colour printers - Reflective prints - RGB inputs
MT 61966-12-1	Metadata for identification of colour gamut (Gamut ID)
MT 61966-12-2	Simple Metadata format for identification of colour gamut

TC 100/TA 2 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-66 Study to analyse colour distribution of HDR content in the 3D colour space	PWI 2024-09	2027-09	
2	IEC 61966-12-2 ED2	BPUB 2024-09	PPUB 2024-11	MT 61966-12-2

	Multimedia systems and equipment - Colour measurement and management - Part 12-2: Simple metadata format for identification of colour gamut			
3	IEC TR 63509 ED1 Characteristics of WRGB type displays (TA 2)	PCC 2023-09	2023-10	PT 63509

TC 100/TA 4 Digital system interfaces and protocols

SCOPE- To develop international publications for digital interfaces and protocols primarily related to video, data (e.g., haptic, text, etc.), and metadata for consumer and professional digital equipment, systems and applications within the scope of TC 100 including:

- Video, data and metadata encoding/decoding
- Synchronization between all media
- Data format and coding (e.g., sensor data, metadata, control data, etc.)
- Interoperability of applications for digital equipment and systems
- Interfaces and protocols for transmission and control of video, data and metadata
- Requirements and/or measurement methods for electrical and physical characteristics (e.g., sampling rate, bandwidth, quantization, format, clock, levels, distortion, noise, visible effects caused by system errors, etc.).

TC 100/TA 4 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Maintenance Teams	
MT 62286	Service diagnostic interface for consumer electronics products and networks - Implementation for IEEE1394
MT 62315-1	DTV profiles for uncompressed digital video interfaces - Part 1: General
MT 62379	Common control interface for networked digital audio and video products

MT 62889	Digital video interface - Gigabit video interface for multimedia systems
MT 61937	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958

TC 100/TA 4 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group

TC 100/TA 5 Cable networks for television signals, sound signals and interactive services

SCOPE- To develop international standards and other publications relating to cable networks including equipment and associated methods of measurement for headend reception, processing and distribution of television and sound signals and for processing, interfacing and transmitting all kinds of data signals for interactive services using all applicable transmission media. These signals are typically transmitted in networks by frequency-multiplexing techniques. This includes for instance

- Regional and local broadband cable networks,
- Extended satellite and terrestrial television distribution systems,
- Individual satellite and terrestrial television receiving systems, and all kinds of equipment, systems and installations used in such cable networks, distribution and receiving systems.

The extent of this standardization work is from the antennas and/or special signal source inputs to the headend or other interface points to the network up to the terminal input of the customer premises equipment. The standardization work will consider coexistence with users of the RF spectrum in wired and wireless transmission systems.

The standardization of any user terminals (i.e. tuners, receivers, decoders, multimedia terminals etc.) as well as of any coaxial, balanced and optical cables and accessories thereof is excluded.

TA 5 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
WG 1	Safety of cable networks
WG 2	EMC

WG 3	Coaxial equipment
WG 4	Headend equipment
WG 5	Optical systems and equipment
WG 6	Power supply
WG 7	Systems
WG 8	Satellite reception

TC 100/TA 5 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	IEC 60728-11 ED6 Cable networks for television signals, sound signals and interactive services - Part 11: Safety	ACD 2023-08	CD 2024-01	WG 1
2	IEC 60728-103 ED1 Active wideband equipment for cable networks with digital signals only	CDM 2024-06	2024-12	WG 3
3	IEC 60728-114 ED1 Cable networks for television signals, sound signals and interactive services - Part 114: Optical transmission systems using RFoG technology	RFDIS 2024-01	CFDIS 2024-04	WG 5

TC 100/TA 6 Storage media, storage data structures, storage systems and equipment

SCOPE- To develop international publications on storage media, data structures, systems and equipment related to multimedia applications for professional and consumer electronics. These include standards or guidelines on file format, metadata, and applications related to storage systems and equipment

TA 6 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Project Team	
PT 100-55	Professional file-based camera recorder
Maintenance Teams	
MT 61834-4	Recording - Helical-scan digital video cassette recording system using 6,35 mm magnetic tape for consumer use (525-60, 625-50, 1125-60 and 1250-50 systems) - Part 4: Pack header table and contents
MT 62592	Portable video encoding specification for interoperability
MT 62702	Audio archive systems
MT 62702-1-1	Audio archive system - Part 1-1: DVD disk and data migration for long term audio data storage
MT 62702-1-2	Audio archive system - Part 1-2 : BD disk and data migration for long-term audio data storage

TC 100/TA 6 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-55 Professional file-based camera recorder	PWI 2023-05	2026-01	PT 100-55
2	PWI 100-65 Volume and file structure of Universal Archive Disk Format (UADF)	PWI 2024-09	prePNW 2027-09	
3	PNW TS 100-4197 ED1 Synchronization of metadata in the content delivery chain	PNW 2024-09	PRVN 2024-12	

TC 100/TA 15 Wireless Power Transfer

SCOPE- To develop international publications related to wireless power transfer (WPT) for multimedia systems and equipment, and interoperability between the WPT transmitting and the WPT receiving functions. The scope also includes as follows:

- a Framework of Standards whereby WPT common elements and WPT technology-specific elements are coordinated;
- WPT system specifications, requirements, functional architectures, interfaces and the corresponding services, management and power control protocols for device-level and system-level operations;
- methods of measurement of power consumption and energy efficiency for WPT devices, equipment and systems.

TA 15 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
WG 1	Implementation aspects of the WPT
WG 2	Management, Interfaces, and applications for WPT
Project Team	
Maintenance Teams	
MT 63239	Maintenance of IEC TR 63239 Ed.1:2020 - Radio frequency beam wireless power transfer (WPT) for mobile devices

TC 100/TA 15 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-63 Autonomous WPT on moving devices which support multimedia and service	PWI 2024-03	2029-03	
2	IEC TR 63239 ED2 Radio frequency beam wireless power transfer (WPT) for mobile devices	RDTR 2024-07	CDTR 2024-08	MT 63239
3	IEC 63288 ED1 Wireless Power Transfer - Measuring method for wireless power transfer	PCC 2022-03	2022-08	WG 2

	efficiency and standby power - mobile phone (TA 15)			
4	IEC 63563-1 ED1 Qi Specification version 2.0 - Part 1: Introduction	PRVC 2024-07	2024-10	WG 1
5	IEC 63563-2 ED1 Qi Specification version 2.0 - Part 2: Glossary	PRVC 2024-07	2024-10	WG 1
6	IEC 63563-3 ED1 Qi Specification version 2.0 - Part 3: Mechanical, Thermal, and User Interface	PRVC 2024-07	2024-10	WG 1
7	IEC 63563-4 ED1 Qi Specification version 2.0 - Part 4: Power Delivery	PRVC 2024-07	2024-10	WG 1
8	IEC 63563-5 ED1 Qi Specification version 2.0 - Part 5: Communications Physical Layer	PRVC 2024-07	2024-10	WG 1
9	IEC 63563-6 ED1 Qi Specification version 2.0 - Part 6: Communications Protocol	PRVC 2024-07	2024-10	WG 1
10	IEC 63563-7 ED1 Qi Specification version 2.0 - Part 7: Foreign Object Detection	PRVC 2024-07	2024-10	WG 1
11	IEC 63563-8 ED1 Qi Specification version 2.0 - Part 8: NFC Tag Protection	PRVC 2024-07	2024-10	WG 1
12	IEC 63563-9 ED1 Qi Specification version 2.0 - Part 9: Authentication Protocol	PRVC 2024-07	2024-10	WG 1
13	IEC 63563-10 ED1 Qi Specification version 2.0 - Part 10: MPP System Specification	PRVC 2024-07	2024-10	WG 1

14	IEC 63563-11 ED1 Qi Specification version 2.0 - Part 11: MPP Communications Protocol	PRVC 2024-07	2024-10	WG 1
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TC 100/TA 16 Active Assisted Living (AAL), wearable electronic devices and technologies, accessibility and user interfaces

SCOPE- To develop international publications addressing aspects of active assisted living (AAL), wearable electronic devices and technologies, accessibility, usability and specific user interfaces related to audio, video and multimedia systems and equipment within the scope of TC 100. Specific aspects related to audio, video and multimedia systems and equipment to be addressed include:

- User requirements for accessibility and usability
- Requirements for systems and equipment for active assisted living, including wearable electronic devices and technologies
- Standardization to address the identified requirements for active assisted living, accessibility and usability
- User Interfaces, interfaces, protocols and control mechanisms for systems and equipment for active assisted living, wearable electronic devices and technologies, accessibility and usability.

TA 16 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Project Team	
PT 63481	Accessibility Goals and Needs with an exemplar of use with a household voice control system

TC 100/TA 16 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1.	IEC TR 63481 ED1 PW TR 100-41 Accessibility Goals and Needs with an exemplar of use with a household voice control system	PCC 2024-08	2024-09	PT 63481

TC 100/TA 17 Multimedia systems and equipment for vehicles

SCOPE- To develop international publications addressing all aspects of audio, video and multimedia systems and equipment used in vehicles. Specific aspects to be addressed include:

- Requirements for systems and equipment for infotainment of driving and event monitoring and recording, driving assistance and other multimedia applications in the vehicles,
- Standardization to address the identified requirements,
- User Interfaces, interfaces and networks, protocols, data formats, criteria, evaluation methods and control mechanisms for the above systems and equipment”.

TA 17 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Project Team	
PT 100-54	External Visual Systems of eHMI for Automated Vehicles
PT 100-60	Multimedia systems and equipment for vehicles - Compact Driving Simulator (CDS) - Part 1: General
PT 63479	Infotainment Services for Public Vehicles (PVIS)
Maintenance Teams	

TC 100/TA 17 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-54 External Visual Systems of eHMI (external Human-Machine Interfaces) for Automated Vehicles	PWI 2023-05	prePNW 2025-05	PT 100-54
2	PWI 100-61 Requirements for In-Vehicle Back-seat Display Systems	PWI 2024-03	prePNW 2029-03	
3	PWI 100-62 In-vehicle audio: Objective test methods for audio system performance	PWI 2024-03	prePNW 2029-03	
4	IEC 63479-2 ED1	PCC 2024-09	2024-10	PT 63479

	Infotainment Services for Public Vehicles (PVIS) - Part 2: Requirements			
5	IEC 63479-3 ED1 Infotainment Services for Public Vehicles (PVIS) - Part 3: Framework	PCC 2024-09	2024-10	PT 63479
6	IEC TR 63583-1 ED1 Multimedia systems and equipment for vehicles - Compact Driving Simulator (CDS) - Part 1: General	RDTR 2024-09	CDTR 2024-11	PT 100-60

TC 100/TA 18 Multimedia home systems and applications for end-user networks

SCOPE- To develop International publications for the requirements and functions of multimedia home systems and applications, as well as specifications addressing total system connected in end-user networks.

This includes: system, application, and protocol specifications for connected equipment, home servers, and internet/cloud service applications; as well as, power and data control interface specifications for personal computing and CE devices.

End-user networks include all personal networks of connected equipment, such as home networks, controlled by an individual for multimedia applications and services.

TA 18 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Project Team	
PT 100-64	Alignment of Heterogeneous Media Data Streams.
PT 63430	Wearable sensing data container format for IoT
PT 63455	Multimedia signal transmission - Dependable line code with error correction
PT 63511	Remote control and remote assist system in home and local area
PT 63528	Haptic stimuli descriptors
Maintenance Teams	

MT 62224	Multimedia home server systems - Conceptual model for digital rights management
MT 62291	Multimedia data storage - Application program interface for UDF based file systems
MT 62481	Digital living network alliance (DLNA) home networked device interoperability guidelines
MT 62514	Multimedia gateway in home networks – Guidelines
MT 62608-1	IEC 62608-1 Multimedia home network configuration - Basic reference model Part 1: System model
MT 62680-1-2	Universal Serial Bus interfaces for data and power – Part 1 -2: Common components – USB Power Delivery Specification
MT 62680-1-3	IEC 62680-1-3/Ed 2.0: Universal Serial Bus interfaces for data and power - Part 1-3: Common components- USB Type-CTM Cable and Connector Specification (TA14)
MT 62684	Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones
MT 62700	DC Power Supply for Portable Personal Computer
MT 63002	Identification and communication interoperability method for external power supplies used with portable computing devices

TC 100/TA 18 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-64 Alignment of Heterogeneous Media Data Streams.	PWI 2024-07	2027-07	
2	IEC 62608-1 ED2 Multimedia home network configuration - Basic reference model - Part 1: System model	TCDV 2024-10	CCDV 2024-11	MT 62608-1
3	IEC 62680-1-2 ED7 Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification	RPUB 2024-09	BPUB 2024-12	MT 62680-1-2

4	IEC 62680-1-3 ED6 Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-C® cable and connector specification	RPUB 2024-09	BPUB 2024-12	MT 62680-1-3
5	IEC 63002 ED3 Interoperability specifications and communication method for external power supplies used with computing and consumer electronics devices	TCDV 2024-08	CCDV 2024-10	MT 63002
6	IEC 63430 ED1 Data container format for wearable sensor	RPUB 2024-09	BPUB 2024-12	PT 63430
7	IEC 63455 ED1 Multimedia systems and equipment - Multimedia signal transmission - Dependable line code with error correction	AFDIS 2023-11	DECFDIS 2024-05	PT 63455
8	IEC TR 63511 ED1 Remote control and remote assist system in home and local area	RDTR 2024-09	CDTR 2024-10	PT 63511
9	IEC TS 63528 ED1 MULTIMEDIA SYSTEMS – HAPTICS -Haptics stimuli descriptors	ADTS 2024-07	TDTS 2024-11	PT 63528

TC 100/TA 19 Environmental and energy aspects for multimedia systems and equipment

SCOPE- To develop standards for power consumption, energy efficiency and environmental conscious design (ECD) aspects of audio, video, multimedia systems, personal computing systems, and related equipment. The scope includes specifying methods of measurement and software for testing (for example audio and video recordings), as needed, for the above standards.

TA 19 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
WG 1	Portable multimedia equipment – Determination of battery duration
WG 3	Methods of measurement for the power consumption of audio, video and related equipment
Project Team	
Maintenance Teams	
MT 62623	Desktop and notebook computers – Measurement of energy consumption
Joint Working Groups	
JWG 2	Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment linked to TC 59

TC 100/TA 19 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	IEC 62087-1 ED2 Audio, video, and related equipment - Determination of power consumption - Part 1: General	ACD 2023-09	CD 2024-10	WG 3
2	IEC 62087-2 ED3 Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media	ACD 2023-09	CD 2024-10	WG 3
3	IEC 62087-3 ED3 Audio, video, and related equipment - Determination of power	ACD 2023-09	CD 2024-10	WG 3

	consumption - Part 3: Television sets			
4	IEC 62087-8 ED1 Audio, video, and related equipment — Determination of power consumption — Part 8: Small Network Equipment	ACD 2024-05	CD 2024-12	WG 3
5	IEC 63296-3 ED1 Portable multimedia equipment – Determination of battery duration – Part 3: Wearable powered loudspeaker equipment	CD 2024-07	PCC 2024-10	WG 1
6	IEC 63474 ED2 Electrical and electronic household and office equipment – Measurement of networked standby power consumption of edge equipment	CD 2024-08	PCC 2024-11	JWG 2

TC 100/TA 20 Analogue and digital audio

SCOPE- To preserve and develop international publications in the audio technical area within the scope of TC 100

TA 20 Subcommittee(s) and/or Working Group(s)

Subcommittee(s) and/or Working Group	Title
Project Team	
PT 100-35	Design, planning, installation, testing and maintenance of sound systems
PT 60268-24	SOUND SYSTEM EQUIPMENT – Part 24: Headphones and earphones – active acoustic noise cancelling characteristics
PT 61937-16	Digital Audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 16: Non-linear PCM bitstreams according to the AVSA format
PT 61937-17	Non-linear PCM bitstreams according to the AVS3-P3 format
Maintenance Teams	
MT 60098	Analogue audio disk records and reproducing equipment
MT 60268-3	Sound system equipment - Part 3: Amplifiers
MT 60268-4	Sound system equipment - Part 4: Microphones
MT 60268-5	Sound system equipment - Part 5: Loudspeakers
MT 60268-7	Sound system equipment - Part 7: Headphones and earphones
MT 60268-16	Sound system equipment - Part 16: Speech intelligibility
MT 60958-1	Digital audio interface - Part 1: General
MT 60958-3	Digital audio interface - Part 3: Consumer applications
MT 60958-4	Digital audio interface - Part 4: Professional applications
MT 61606-1&2	Audio and audiovisual equipment - Digital audio part - Basic methods of measurement of audio characteristics
MT 61937-1	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958- Part 1: General
MT 61937-2	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info
MT 61937-3	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 3: Non-linear PCM bitstreams according to the AC-3 format
MT 61937-4	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 4: Non-linear PCM bitstreams according to the MPEG audio formats
MT 61937-5	Interfaces for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 5: Non-linear PCM bitstreams according to the DTS (Digital Theatre Systems) format(s)

MT 61937-6	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying to IEC 60958 Part 6: Non-linear PCM bitstreams according to the MPEG2 AAC audio formats
MT 61937-7	Digital audio ? Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 7: Non-linear PCM bitstreams according to the ATRAC and ATRAC2/3 formats
MT 61937-8	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958-Part 8: Non-linear PCM bitstreams according to the Windows Media Audio Professional format
MT 61937-9	"Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 9: Non-linear PCM bitstreams according to the MAT format" (TA 4)
MT 61937-10	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 10: Non-linear PCM bitstreams according to the MPEG-4 audio lossless coding (ALS) format" (TA 4)
MT 61937-11	Digital audio - Interface for non linear PCM encoded audio bitstrams applying IEC 60958 - Part 11: MPEG-4 AAC and its extensions in LATM/LOAS
MT 61938	Audio, video and audiovisual systems - Interconnections and matching values - Preferred matching values of analogue signals
MT 62312-1-1	Guideline for synchronization of audio and video part 1-1 Ed.1
MT 62312-2	Guideline for synchronization of audio and video – Part 2: Methods for synchronization of audio and video systems
MT 62365	Digital audio - Digital input-output interfacing - Transmission of digital audio over asynchronous transfer mode (ATM) networks
MT 62574	IEC 62574 Ed.2.0 Audio, video and multimedia systems - General channel assignment of multichannel audio
MT 62760	Audio reproduction method for normalized loudness level
MT 63087	Assistive listening devices and systems for active assisted living

TC 100/TA 20 Under Development Projects

S.no.	Project Name	Current Stage	Next Stage	Working Group
1	PWI TR 100-35 ED1 Design, planning, installation, testing and maintenance of sound systems	PWI 2021-01	2023-01	PT 100-35
2	IEC 60268-7 ED4 Sound system equipment - Part 7: Headphones and earphones	PRVC 2024-09	2024-12	MT 60268-7

3	IEC 61937-2/AMD1 ED3 Amendment 1 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info	ACDV 2024-10	TCDV 2024-10	MT 61937-2
4	IEC 61937-16 ED1 Digital Audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 16: Non-linear PCM bitstreams according to the AVSA format	RPUB 2024-10	PUB 2024-12	PT 61937-16
5	IEC 61937-17 ED1 Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 17: Non-linear PCM bitstreams according to the AVS3-P3 format	CCDV 2024-10	PRVC 2024-12	PT 61937-17
6	IEC 63087 ED1 Assistive listening devices and systems for active assisted living	PCC 2024-08	2024-09	