*FIŞA TEHNICA NR.1*

Features

* Digital audio transmission technology, simultaneous interpretation channel number 15+1 (default), 31+1, 63+1, voice separation technology.
* System microphone capacity is 4096; Hand in hand annular connection; Circuit supports "hot plugging"
* 4 output interfaces for conference units, with output circuit indication; when the circuit is normal, the LED indicator flickers; when the circuit is disconnected, the LED indicator is off.
* Four MIC management modes :FIFO/NORMAL/ VOICE /APPLY.
* Speech number limit (1/2/4/8) function and speech time limit function.
* Conference controller and PC use TCP/IP protocol ; Connecting to PC by Ethernet interface to fulfill remote control.
* Support 1 channel camera tracking directly connect to controller, if need multiple cameras for tracking, it works with the tracking camera controller.
* With interface for trigger of fire alarm, provide fire alarm message to the local.
* 22 channels output for analog audio signal output are used for simultaneous interpretation and or recording.
* Controller with fiber interface to fulfill long distance signal transmission without attenuation, to combine two conference rooms into one.
* To achieve system extension and cascading, seamless connection to central control system.
* With interference of anti-RF(such as mobile).
* Dual-system hot backup, with voting and IC card sign in in case of PC disconnected.
* To achieve 50 conference rooms remote voting function.

Specifications

Model	TS-0200M
Microphone Capacity	≤4096
Channel Quantity	16, 32, 64CH
Frequency Response	30 ~ 20KHz
S/N Ratio	>72 dB(A)
Channel Crosstalk	>85 dB
THD	<0.05%
Power Supply	90~132VAC/180~264VAC by switch
Audio Input	LINE IN 1: 775mV Balanced
	LINE IN 2: 775mV Unbalanced
Audio Output	LINE OUT 1: 1V Balanced
	LINE OUT 2: 1V Unbalanced
Output Load	>1KΩ
RJ45 Interface	Connect To PC
Static Power Consumption	30W
Output Power Consumption	320W
Connection Method	Specified Cable (6 Core)
Connector Reliability	reliable
Standard	IEC60914
Operating Temp.	-10Ω~+60Ω
Operating Humidity	20%~80% relative humidity, no condensation
Touch Screen Control	4.3inch TFT touch screen
Optical Transfer Function	Yes
Color	Black
Weight	About 3Kg
Dimension(L×W×H)	484×305×88mm
Installation	19"cabinet

FIŞA TEHNICĂ NR. 2.
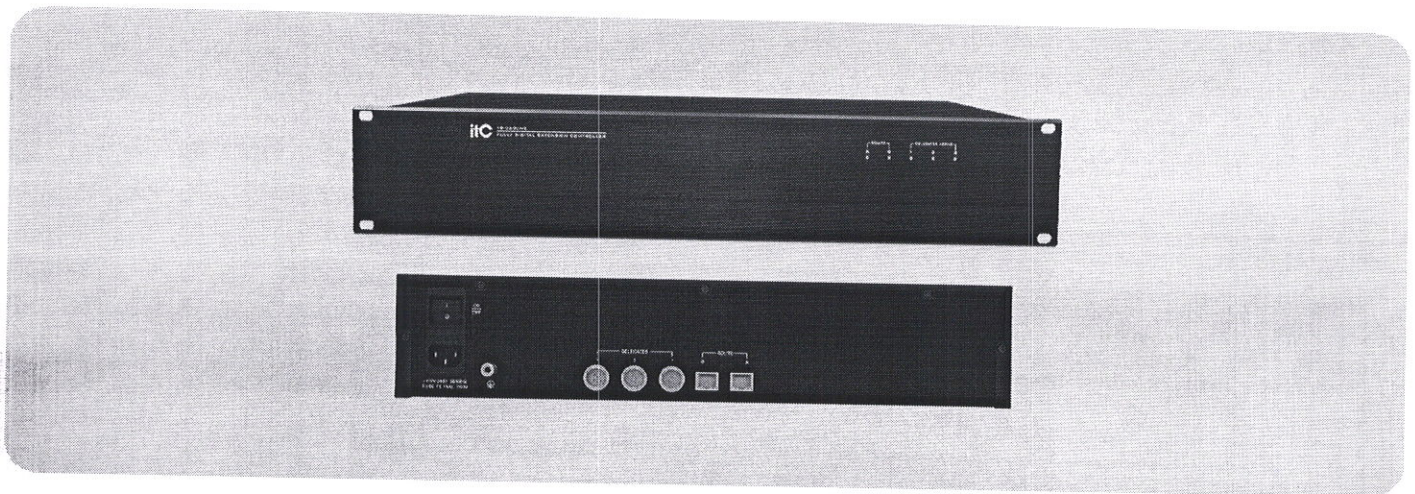
Features

* Special 6 core cable connection.
* Use together with the full digital conference system controller to expand system capacity by connecting more units.
* Metal shell and internal circuit have strengthened the connection with the ground to ensure the 6000V antistatic ability.
* 2U metal case can be mounted in standard 19-inch rack, easy to place and maintenance.
* Built-in universal power supply.

Specifications

Model	TS-0200ME
Power Supply	90~132VAC/180~264VAC by switch
MAX Power Consumption	350W
Output Power Consumption	≤110W/36V
Connection Method	Specified Cable (6 Core)
RJ45 Interface	Connect host and lower extension host
Color	Black
Operating Temp	-10℃~+60℃
Operating Humidity	20%~80% relative humidity, no condensation
Weight	3Kg
Dimension(L×W×H)	484×305×88 mm

FIŞA TEHNICĂ NR. 3

Features

* Microphone uses 48 KHZ sampling rate, the sound quality is higher than CD, clear and bright. with DSP audio processing inside, there is no 'poop-poop low-frequency shock.
* Support speech timer and timing speech function.
* Delegate Unit can apply for speech, the chairman can approve the applicant.
* Built in feedback suppressor, can effectively prevent the squeal.
* Chairmen unit has voice control function, open microphone intelligently.
* With 5 segment EQ regulating function, can adjust the sound quality according to the characteristics of the speaker's voice, until reach the perfect effect.
* Chairman has priority function, can close all is to speak on behalf of the receiver.
* With a 4.3 -inch true color capacitive touch screen interface, simple operation, Human use of the machine function.
* Adopting 100m network transmission, realizing hand in hand cascade, it won't effect the sound quality even in long distance transmission.
* Having two sets of 3.5 mm stereo output socket, it can use to record and connect the headset.
* One 3.5mm input socket, which can be used as headphone input.
* Support a vote, election, rating function, chairman unit can raise a vote, check-in. can realize data statistics even without computer.
* Language channel is selectable, the factory defaults is 15 + 1, you can set 31 + 1 and 63 + 1.
* Service application function: Participants can send "tea application", "paper and pen application" and "manual service application" to the background according to actual needs.

Specifications

Model	TS-0205
Microphone Type	Heart-shaped directivity electret
Directivity	80Hz~16KHz
Mic Input Impedance	1KΩ
Sensitivity	-46 dBV/Pa
Max SPL	125dB (THD>3%)
SNR	>80dB
Crosstalk	>70dB
Dynamic Range	>80dB
THD	<0.1%
Max Power Consumption	5W
Headset Load	>16Ω
Headset Volume	Max 40mW
Headset Interface	3.5mm Mono jack
Standards	IEC60914
Connector	With 1.8m Aviation 6 core
Power Supply Mode	Host supply power DC36V
Color	Gray
Voting Function	Five key election, three key vote
Simultaneous Interpretation	16,32,64 Channel (default 16)
Check-in Function	Touch key check-in
Display Screen	4.3 inch capacitive screen
Weight	1kg
Mi Bar Height	460mm
Dimension(L×W×H)	206×174.2×65.5mm
Installation Way	Desktop Type

FIŞA TEHNICĂ NR.4

Features

* Microphone uses 48 KHZ sampling rate, the sound quality is higher than CD, clear and bright. with DSP audio processing inside, there is no 'poop-poop low-frequency shock.
* Support speech timer and timing speech function.
* Delegate Unit can apply for speech, the chairman can approve the applicant.
* Built in feedback suppressor, can effectively prevent the squeal.
* Chairmen unit has voice control function, open microphone intelligently.
* With 5 segment EQ regulating function, can adjust the sound quality according to the characteristics of the speaker's voice, until reach the perfect effect.
* Chairman has priority function, can close all is to speak on behalf of the receiver.
* With a 4.3 -inch true color capacitive touch screen interface, simple operation, Human use of the machine function.
* Adopting 100m network transmission, realizing hand in hand cascade, it won't effect the sound quality even in long distance transmission.
* Having two sets of 3.5 mm stereo output socket, it can use to record and connect the headset.
* One 3.5mm input socket, which can be used as headphone input.
* Support a vote, election, rating function, chairman unit can raise a vote, check-in. can realize data statistics even without computer.
* Language channel is selectable, the factory defaults is 15 + 1, you can set 31 + 1 and 63 + 1.
* Service application function: Participants can send "tea application", "paper and pen application" and "manual service application" to the background according to actual needs.

Specifications

Model	TS-0205A
Microphone Type	Heart-shaped directivity electret
Directivity	80Hz~16KHz
Mic Input Impedance	1KΩ
Sensitivity	-46 dBV/Pa
Max SPL	125dB (THD>3%)
SNR	>80dB
Crosstalk	>70dB
Dynamic Range	>80dB
THD	<0.1%
Max Power Consumption	5W
Headset Load	>16Ω
Headset Volume	Max 40mW
Headset Interface	3.5mm Mono jack
Standards	IEC60914
Connector	With 1.8m Aviation 6 core
Power Supply Mode	Host supply power DC36V
Color	Gray
Voting Function	Five key election, three key vote
Simultaneous Interpretation	16,32,64 Channel (default 16)
Check-in Function	Touch key check-in
Display Screen	4.3 inch capacitive screen
Weight	1kg
Mi Bar Height	460mm
Dimension(L×W×H)	206×174.2×65.5mm
Installation Way	Desktop Type

FIȘA TEHNICĂ NR. 5

Features

* Fully digital audio technology, microphone adopt 48KHz sampling rate, the sound is clear and bright, higher than CD sound quality. Interior has DSP audio processing. There is no low-frequency sound.
* 7-inch touch screen, elegant appearance with UI interface;
* The heart-shaped directivity capacitive pick up with double color indicator light, it is turn to red color during speaking, with rotary knob plug microphone bar.
* with inner magnetic type speaker, headphone jack. support headset microphones and microphone bar to pickup.
* Support text messages, tea application and HELP(HELP) function.
* With cough elimination function, it can request the representative to slow down (SLOW).
* Support timekeeping of speech (charged according to speech time).
* Can preset the language of each channel.
* 15 kinds of languages can be translated at the same time, it can be customized 31 or 63 kinds languages, it can be installed up to six interpreter unit between an interpreter.
* 3 fast inputs channel can be preset, with corresponding shortcut keys (a / b / c).
* With input channel selection buttons, you can easily select language from all the input language channels.
* 3 fast outputs channel can be preset, there are corresponding shortcut keys (A / B / C).
* With output channel selection buttons, you can easily select language from all the input language channels.
* Support lock between interpreters and preemption modes.
* Packed with high-end headphones.
* Can be equipped with power adapter TS-0221DC to achieve long-distance power supply.

Specifications

Model	TS-0670HY
Microphone Type	Cardioids directivity electret
Directivity	80Hz~16KHz
MIC Input Impedance	1KΩ
Sensitivity	-46 dBV/Pa
SPL Maximum SPL	100dB (THD>3%)
S/N Ratio	>80dB
Crosstalk	>70dB
Dynamic Range	>80dB
THD	<0.1%
Maximum Power Consumption	7W
Earphone Load	>16Ω
Earphone Volume	Maximum 40mW
Earphone Jack	3.5mm Mono socket
Standard	IEC60914
Connector	With 1.8m unified 6-core aviation cable
Hand in Hand Extension Port	1pcs
Power Supply Mode	Host power supply DC36V or adaptor power supply
Color	Black
Simultaneous Interpretation	16, 32, 64 Channe (Default 16)
Display Screen	7-inch color touch screen
Weight	1.65Kg
Microphone Pole Height	460mm
Dimension(mm)	268(L)×160(W)×63(H)
Installation Mode	Desktop type

TS-930 Headphone

| Model	TS-930
Length of the cable	1.5m
Interface	3.5mm Two-channel plug
Sensitivity	90dB
SNR	> 80dB
Distortion	< 0.1dB
Impedance	32 Ω
Dynamic Range	> 85 dB
Output Power	100mW
Output impedance	600 Ω
Frequency response	60Hz – 8KHz
ensitivity	22dB ± 3dB
Directivity	Core shape

FIŞA TEHNICA NR. 7
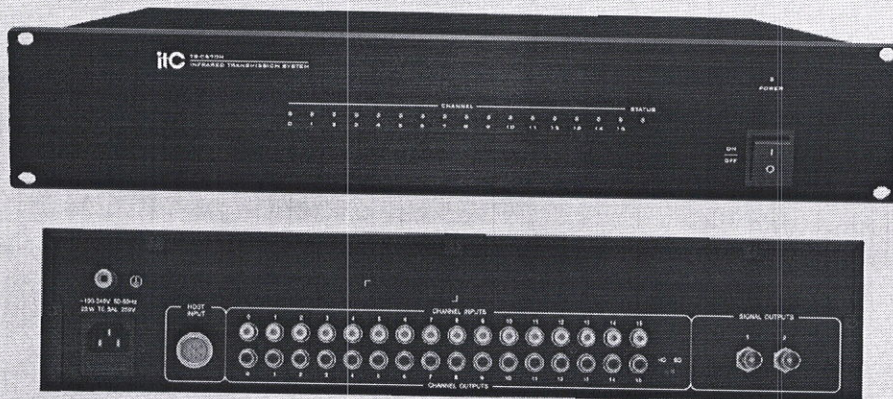
Description

TS-0670H series digital infrared emission controller is the core part of digital infrared voice distribution system. It will fully digital DQPSK modulation transmission with digital audio compression coding system, the system can transmit 16 channels language at the same time.. Infrared emission controller can be installed in standard 19-inch rack, easy for storage and safe keeping.

Features

* Compliant with IEC 61603-7 and IEC 60914.
* With 16 channel audio outputs, can be used to monitor or record by connecting cassette.
* With 2 channel signal output interface (BNC), for connecting the radiation panel.
* Using digital DQPSK modulation technology with high confidentiality.
* High-speed DSP processing and wonderful sound effects.
* It adopts high transmission frequency (2-6MHz, IEC61603 BAND4 band), without high frequency drive light interference.
*With support of input level indicator, the LED lights on the front panel of controller can display the status of the corresponding input channels.
* Support 16 channel external audio inputs, suitable for large international convention.
*Supports Linking TS fully digital conference system audio input and digital 16 channel audio inputs.
* Compatible with full-digital conference system, obtain full-digital conference audio through the air line, to achieve infrared transmission.
* The power input is AC 100V-240V, 50-60Hz, it has been resistant to high pressure (3500V) test at the factory to ensure compliance with safety standards.
* The controller shell is made of metal material, line and the shell has strengthened the connection with the ground to ensure the 8000V antistatic ability.

Specifications

Model	TS-0670H
Translator Capacity	90
Number of Channels	16CH
Frequency Response	30 ~ 20KHz
SNR	>75 dB(A)
Dynamic Range	>80 dB
Channel Crosstalk	>80 dB
Total Harmonic Distortion	<0.05%
Input Voltage	~96V-264V 50/60Hz
Audio Input	LINE IN 0-15: 350mV Unbalanced
	MIC IN 1-15: 70mV Unbalanced
Audio Output	LINE OUT 0-15: 1V Unbalanced
	LINE OUT 1-15: 1V Unbalanced
Output load	>1KΩ
Static Power Consumption	25W
Connection	BNC (standard 75-5Ω coaxial cable)
Joint reliability	Reliable
Standard	IEC60914
Working Temperature	-10℃~+60℃
Working Humidity	20%~80% relative humidity, non-condensing
Color	Black
Weight	4.23Kg
Dimension(mm)	484(L)×305(W)×88(H)
Installation	19-inch standard rack
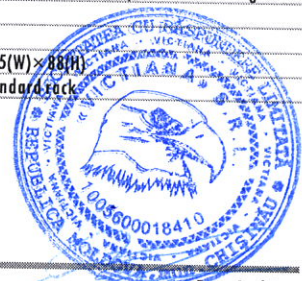
FIȘA TEHNICĂ NR. 8

Description

TS-0670HD adopts the latest electronic technology and specialized chip, ensuring the best performance and the longest battery life. The infrared receiver unit is designed according to the human engineering. It can receive infrared signals well. With channel selection and volume adjustment function, power switch control, battery level and signal indicator function, it will turn off automatically to save energy and environmental protection when it can't receive signal in five minutes continuously or pull up the earphone.

Features

* Compliance with IEC 61603-7 and IEC 60914.
* Fully digital DQPSK digital demodulation technology.
* It adopts high transmission frequency (2-6MHz, IEC61603 BAND4 band), without high frequency drive light interference.
* With push-button channel selection, it can receive 16 audio channels.
* Support LCD display channel number, battery level and signal status indication.
* The volume can be adjusted freely.
* Noise-free, mute the signal automatically when the signal is too weak, to ensure that only receive high-quality signal is acceptable.
* Appearance design is exquisite and elegant, wear-resisting, can hang the receiver in the front or put in coat pockets, it is convenient and flexible to use.
* Don't limited by the venue seat, the meeting representative can go around within the scope of the signal emission.
* The Number of receiver unit is not limited within the scope of the infrared radiation.
* Receiver unit will turn off automatically to save energy and environment friendly if can not get a signal in five minutes or pull up the earphone.
* Package with high-end headphones.

Specifications

Model	TS-0670HD
Power Supply	3.7V 800mAH detachable lithium battery
Demodulation Method	Full digital DQPSK digital demodulation technology
Carrier Frequency	2.0~6.0MHz
Frequency Response	120Hz - 10KHz (standard); 20Hz - 20KHz (high quality)
Maximum Signal-to-noise Ratio	>80dB
Headphone Load	8-32Ω
Headphone Volume	Maximum 40mW
Headphone Jack	3.5mm Mono Jack
Standards	IEC60914 IEC 61603-7
THD	<1%
Rated Power	100mW
Standby Power	8mW
Dimension(mm)	58(L)×176(W)×32(H)
Weight	0.11Kg

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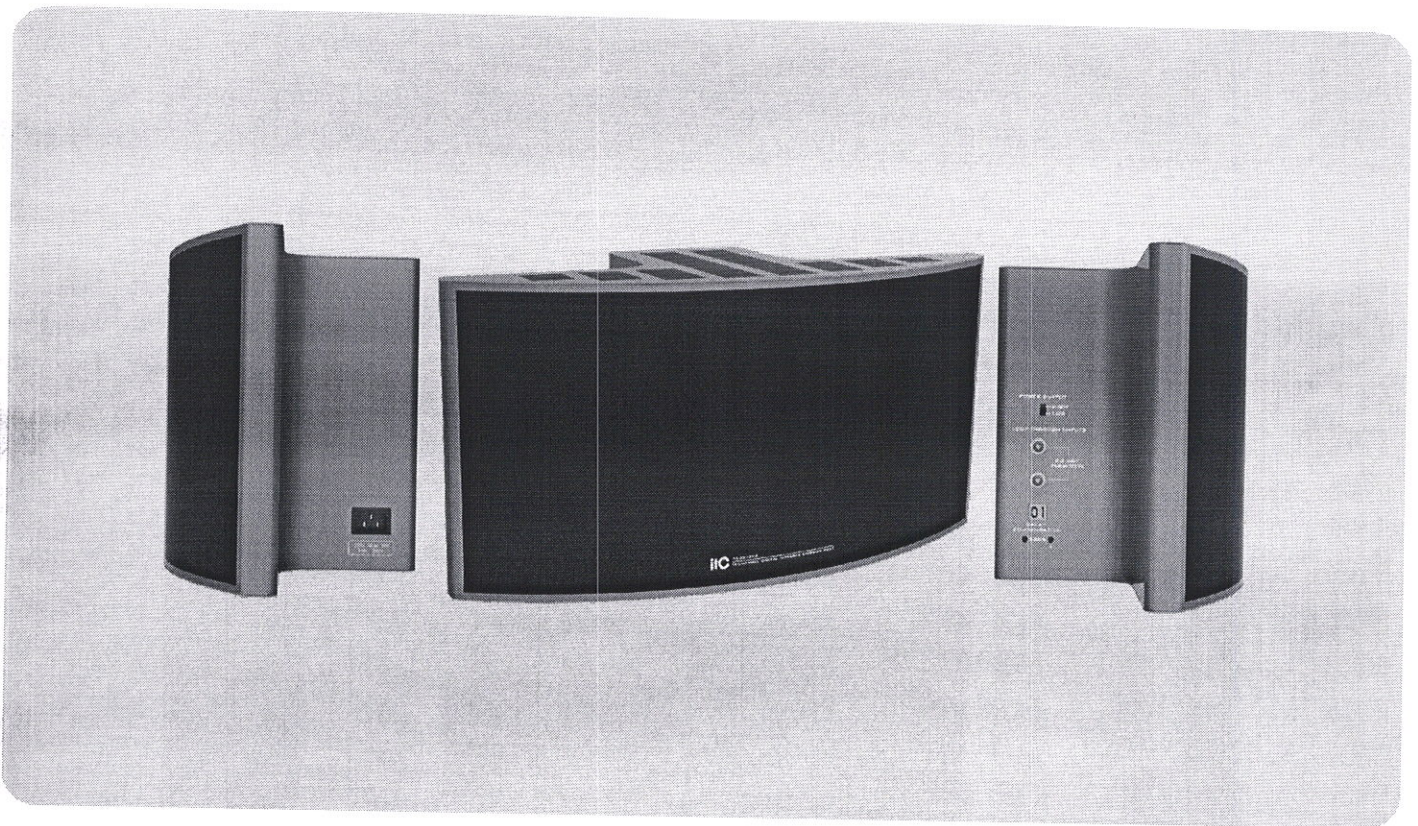
Description

TS-0670HS IR radiator is a high power IR equipment, used to receive the infrared emission controller carrier signal, the carrier signal through the infrared emission. support hand-in-hand mode and can be connected with 30 IR Radiator at the same time.

Features

* Super emissive power, the maximum distance can reach 40 meters; cascade can be realized 500m transmission distance.
* Launch Angle: + 135°.
* Cable delay compensation functions.
* The standby function: IR Radiator standby when the IR Radiator without signal input or output, standby power is 3W.
* The emission intensity can reduce by half. Reduce the signal power to convenient use in small space.
* Adopts the arc structure with big angle and wide coverage.

Specifications

Model	TS-0670HS
Input Voltage	~100V-240V 50/60Hz
Rated power	36W
Frequency Range	2~6 MHz
IR Radiant Power	33W
RF Output Impedance	75Ω
RF Input	100mV-3V 10KΩ
Gain control	AGC automatic gain control
Automatic Threshold Control	100mV RF signal start
Stand-by Power Consumption	3W
Dimension(mm)	478(L)×228(W)×208(H)
Weight	5.3Kg
Color	Black

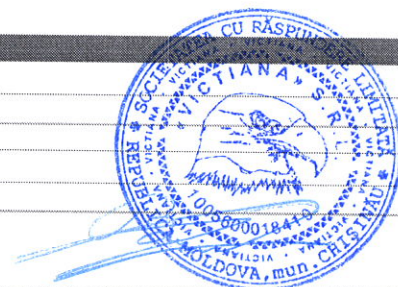*FIŞA TEHNICĂ NR. 11*

Description

Digital infrared receiver charging unit for the charging function, the red light indicates the battery and charging stand is in poor connection, if the charging indicator is in orange color, it means the unit is in charging status, if the indicator light of charging stand turns green, it represents the battery has been fully charged.
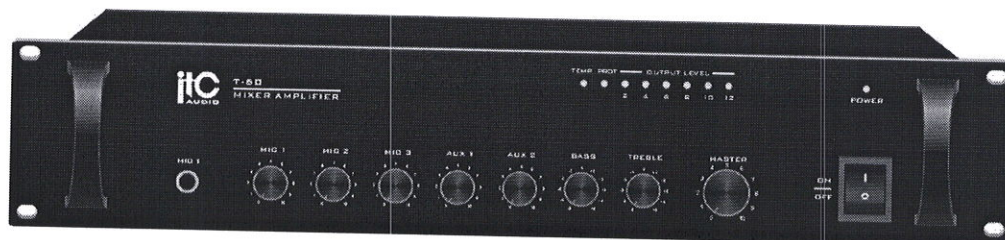
Features

* It can simultaneously charge 25 receiver units.
* Power input has tandem function.
* Quick Charging time is 2.5 hours: the maximum charge time is 8 hours.
* Charging unit is not only for charging function, but also for keeping the receivers.

Specifications

Model	TS-0670HC
Input Voltage	~100V-240V 50-60Hz
The Maximum Power Consumption	100W
Standby Power Consumption	17W
Dimension(mm)	627(L)×385(W)×238(H)
Weight	10Kg

FIŞA TEHNICĂ NR. 15

Descriptions

The basic public address mixer amplifiers have power ratings from 60W, 120W, 240W, 350W, 500W to 650W. They are featured of 3 microphone inputs, 2 aux inputs and 1 EMC input. Priority muting is achieved via EMC for overriding other inputs except Mic1 on front panel. Individual gain controls are provided for Mic 1-3 and Aux 1-2, bass and treble controls and master volume control are provided for overall tone control. 70V, 100V and low impedance 4-16 ohms speaker outputs are provided. Extensive protection from short-circuit, overload and high temp.

Features

* Mixer amplifier for paging and background music system
* Rated power from 60W, 120W, 240W, 350W, 500W to 650W
* 2U rack mount (less than 350W) and 3U rack mount design
* 70V, 100V and low impedance 4-16ohm speaker output
* Three Mic inputs by phone jack type
* Mic 1 with VOX priority and VOX level on front panel
* Mic 2-3 by phone jack on rear panel
* Two Aux Inputs and 2 line inputs for spare use
* One EMC priority input
* EMC has priority over all inputs except MIC1
* Mic 1-3, Aux 1-2 and master volume controls and bass/treble tone control
* Short circuit, overload and high temp protection

Optional

* DC 24V available on less than 500W models
* Panel with/without handhold
* Faults monitoring module, it can output short circuit signal to achieve main/spare amplifier switch

Specifications

Model	T-240
Rated Power Output	240W
Speaker Outputs	70V, 100V & 4~16Ω
Input Sensitivity & Impedance	MIC 1, 2, 3: 5mV/600 Ω , Unbalanced phone jack input
	MIC 2, 3: 775mV/10K Ω , Unbalanced RCA input
	AUX 1, 2: 350mV/10K Ω , Unbalanced RCA input
	EMC: 775mV/10K Ω , Unbalanced RCA input
Output Sensitivity & Impedance	MIX OUT: 1V/470 Ω , Unbalanced RCA output
Tone	Bass: ±10dB at 100Hz
	Treble: ±10dB at 10KHz
Frequency Response	50Hz~16KHz(+1dB, -3dB)
S/N Ratio	MIC 1, 2, 3: 66dB, AUX 1, 2: 80dB
THD	Less than 0.5% at 1KHz, 1/3 rated power
Muting Function	MIC 1 overrides other input signals
	with 0-30dB attenuation
Crosstalk	<50dB
Cooling	Fan automatically start up when temp reaches 55℃
Protection	High temp, overload & short-circuit
Power Supply	~110V/60Hz or ~230V/50Hz or DC 24V
Power Consumption	400W
Weight	16.6Kg
Dimensions	484x385x88mm
Finish	Panel: aluminum plate, black
	Case: steel plate, black

5" Two Way Wall Mount Speaker(3.75W-7.5W-15W-30W)

Features

- Built-in 100v/70v transformer
- Wall mount type loudspeaker
- 5" +1.5" two ways speaker unit
- Power taps 3.75w-7.5w-15w-30w @100V plus 8ohm
- Metal grille, ABS enclosure and stainless mounting bracket

Description

The T-775H is a wall mount speaker built-in 70v/100v transformer. The 70v/100v transformer technique reduces line losses on longer distance and allows easy parallel connection of multiple loudspeakers.

The built-in 5"+1.5" two ways speaker driver is designed of wide frequency response 100-18kHz, the multiple power taps 3.75W, 7.5W, 15W & 30W are helpful for different applications varies from room size and ambient noise surroundings.

The metal grille, ABS enclosure and stainless mounting bracket are of black color. Easy and secure wall mount installation through the supplied mounting bracket.

It is ideal choice for industrial and commercial applications in hotel, school, office and factory where background music and paging is needed.

Specification

Model	T-775H
Power Taps @100V	3.75W, 7.5W, 15W, 30W
Power Taps @70V	1.9W, 3.75W, 7.5W, 15W, 30W
Transformer Impedance	2.6KΩ/1.3KΩ/670Ω/330Ω/165Ω
Input	70V/100V/8Ω
SPL(1W/1M)	90dB
Max. SPL (Rated W/1M)	103dB
Frequency Response (-10dB)	100-18KHz
Finish	Baffle: ABS, Black/White Grille: Steel, Black/White
Speaker Driver	5"x1 1.5"x1
Dimensions	285 x180 x186mm
Weight	2.7kg
Mounting	With mounting bracket fixed by screw

Website: www.itc-pa.com.cn; Mail: info@itc-pa.com.cn

itc AUDIO

T-775H
5" Two Way Wall Mount Speaker(3.75W-7.5W-15W-30W)

Appearance:

285
180   186

Direction Diagram:

SPL vs Angle

Curve	Freq	BW	Q	DI
	500.00	193	1.9	2.7
	1.00K	167	2.2	3.3
	4.00K	138	2.6	4.2
	8.00K	105	3.4	5.3

Frequency Response:

SPL vs Freq

Website: www.itc-pa.com.cn; Mail: info@itc-pa.com.cn
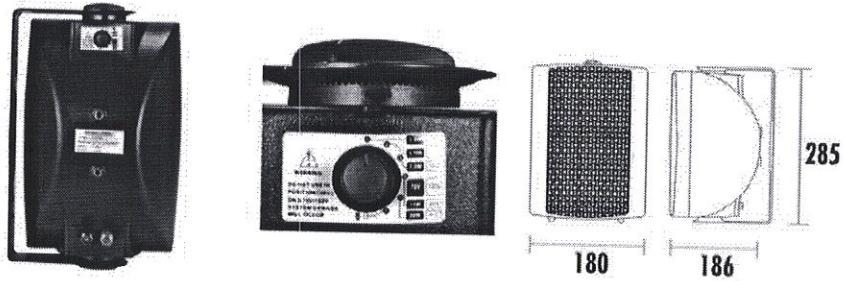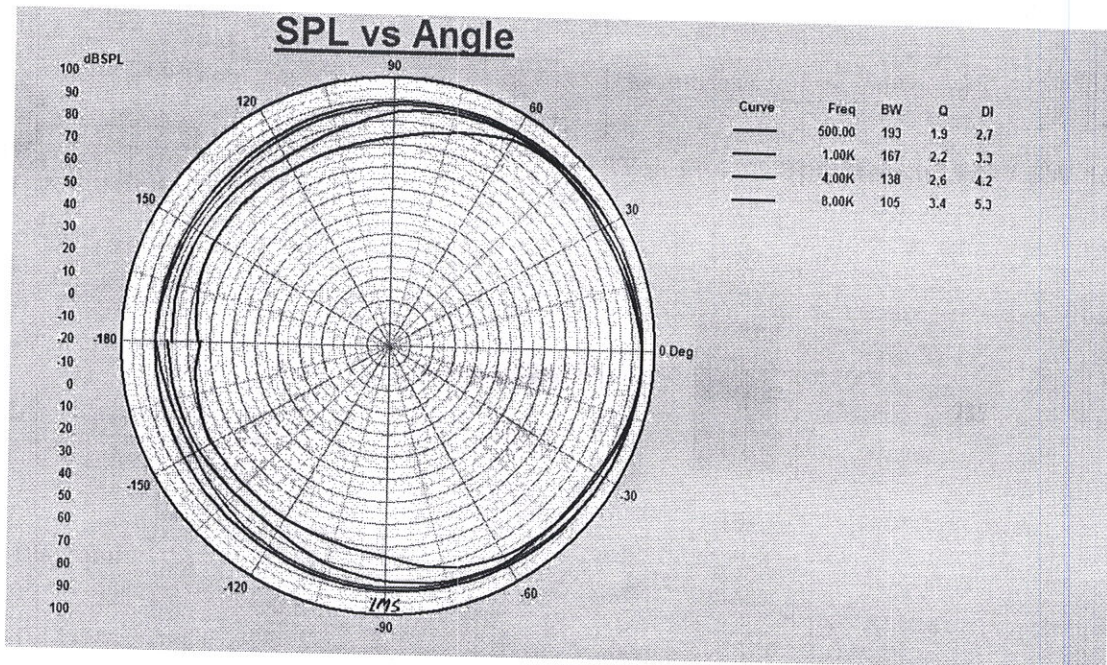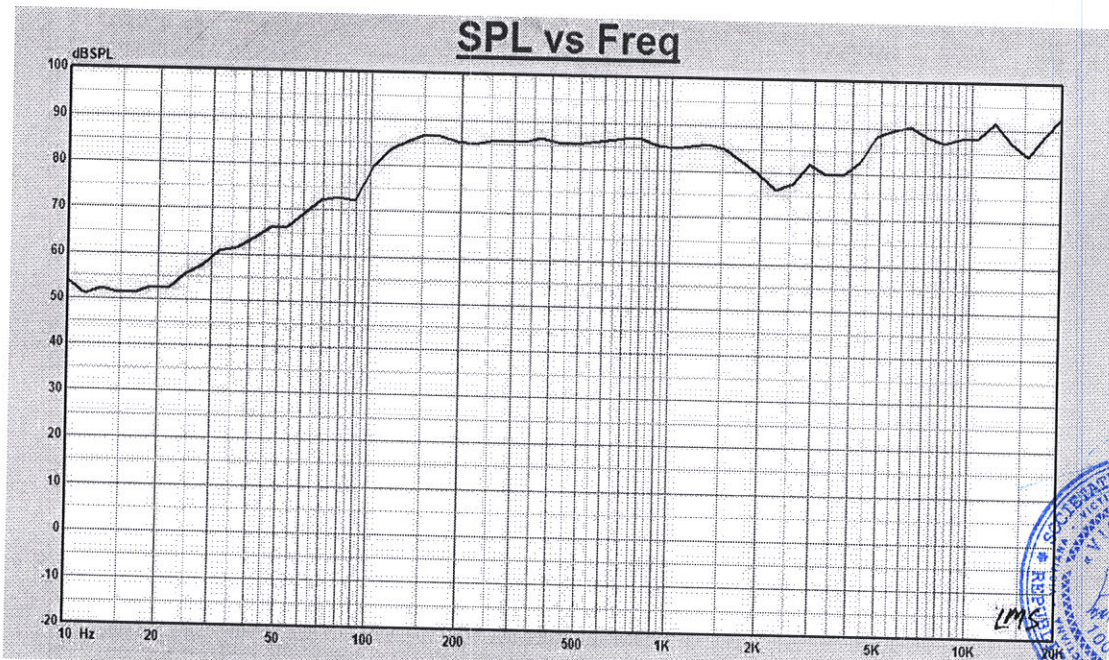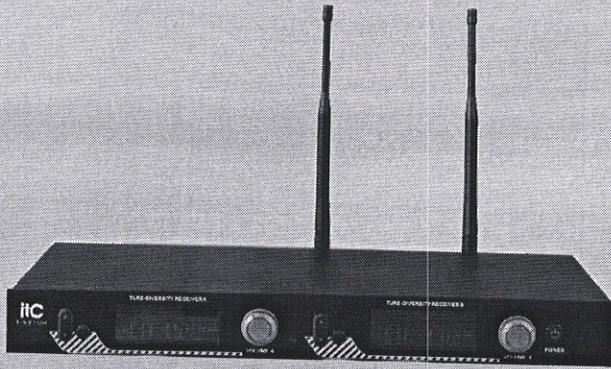
FISA TEHNICA NR.17

NEW

two handheld mics T-521UH

Function Features

* Using UHF ultra-high frequency double true diversity reception, and USES the DPLL multichannel digital phase-locked loop frequency synthesis technology.
* Provides each of 200 a total of 600 channels to choose, true diversity receiving, effectively avoiding the phenomenon of fault frequency and to extend the receiving distance.
* With a magnitude 8, according to 8 audio level display, according to the audio level, according to the channel menu mute.
* Balanced and unbalanced output port, two choices to meet the needs of different device to connect.
* LCD liquid crystal display can also showed channel number and working frequency. Light touch button control is simple, which let users to use it more conveniently.
* Strong anti-interference ability, can effectively restrain noise caused by th external interference and same frequency interference.
* Infrared frequency function, can be convenient, shortcut of the transmitter and receiver synchronization.
* Enough intermediate frequency, Relaxed singing, sounds with magnetic and mixed thick feeling, the essence of the vocal microphone sound.

Frequency indication

Word frequency	640-857MHz (the applicable frequency depends on the local regulation)Broadband FM
Number of channel	200
Channel spacing	250KHz
Frequency stability	Within ±0.005%
Dynamic range	100dB
Maximum deviation	±45KHz
Audio frequency response	80-18KHz (±3DB) (frequency response of the whole system depends on the microphone unit)
Comprehensive signal to noise ratio	105dB
Comprehensive distortion	≤ 0.5%
Working distance	About 100m (working distance depends on many variation which includes absorbing, reflection and interference of Rf signal)

Receiver Indication

Receiver mode	Double super heterodyne
Intermediate frequency	110MHz, 10.7MHz
Antenna access	BNC/50 Ω
Sensitivity	12dBμV (80dBS/N)
Adjustable range of Sensitivity	12-32dBμV
Spurious suppression	≥ 75dB
Max output level	+10dBV
Power supply mode	DC 12~18V 500mA input

Transmitter parameters

Attack	Moving Coil Condenser microphone (Collar microphone, Headset microphone)
Antenna	Internal helical antenna of handheld microphone, the hanging transmitter adopts1/4 wave-length whip antenna
Output power	Max power 30Mw;Min Power 3Mw
Spurious suppression	-60dB
Power supply	2 section 5,#1.5V alkaline battery
Battery service life	About 10 hours under 30mW, about 15 hours under 3mW
Function features	Adopting true diversity reception mode, effectively avoiding frequency phenomenon and the extension of the receiving distance
Quality characteristics	Enough intermediate frequency, Relaxed singin, sounds with magnetic and mixed thick feeling, the essence of the vocal microphone sound