

OT6641H

4 CHANNEL DIGITAL AUDIO PROCESSOR



DESCRIPTION

THE DEVICE SUPPORTS 4 INPUT/OUTPUT ANALOG CHANNELS AND 1 EXTENDED USB RECORDING AND BROADCASTING CHANNEL. IT IS EQUIPPED WITH HIGH QUALITY 21 LEVEL PRE-AMPLIFIER CIRCUIT, DSP PROCESSING BUS STRUCTURE, AND WITH MULTIPLE FUNCTIONS SUCH AS ECHO ELIMINATOR, NOISE ELIMINATOR TO RESTORE HIGH QUALITY SOUND. IT'S MAINLY APPLIED IN A VARIETY OF LARGE VENUES LIKE THEATER, CONCERT HALL, REMOTE VIDEO CONFERENCING, SPORTS VENUES, CHURCHES, CONFERENCE CENTERS, THEME PARKS AND SO ON. ITS OPERATION IS SIMPLE AND INTELLIGENT.

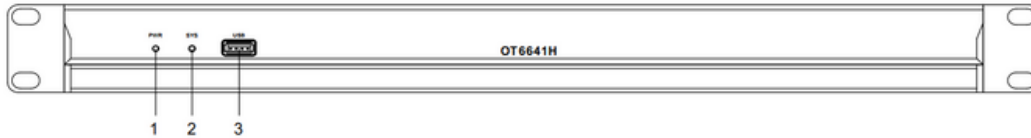
FEATURES

- 24 BIT/ 48KHZ SAMPLING FREQUENCY, HIGH-PERFORMANCE A / D, D / A CONVERTER AND 32-BIT FLOATING-POINT DSP PROCESSOR, FULL-FUNCTION MATRIX MIXING FUNCTION TO PROVIDE USERS WITH EXCELLENT AND CLEAR SOUND.
- HIGH-PRECISION INPUT SENSITIVITY ADJUSTMENT WITH 21 LEVELS, 3DB STEPS; THE MAXIMUM INPUT GAIN IS 60DB.
- EFFICIENT ALGORITHM PROCESSING: AFC, AEC, ANS, AUTOMIXER, EQ, GATE, AGC AND SO ON.
- ABUNDANT INTERFACE EXTENSION: INPUT AND OUTPUT GPIO OF 8 CHANNELS CAN BE CUSTOMIZED. SUPPORT EXTERNAL INPUT LEVEL OF 3.3 ~ 24V; USB INTERFACE SUPPORTS RECORDING AND BROADCASTING, SCENE PRESERVATION AND OTHER FUNCTIONS. RS-485 SUPPORTS AUTOMATIC CAMERA TRACKING, EASY TO ACHIEVE VIDEO CONFERENCING; RS-232 TWO-WAY SERIAL CONTROL INTERFACE, IT CAN CONTROL OR BE CONTROLLED, SUCH AS VIDEO MATRIX, CAMERA AND OTHER EQUIPMENT.
- SUPPORT SCENE PRESET FOR MULTIPLE GROUP, USER-FRIENDLY OPERATING SOFTWARE INTERFACE.
- FAST OPERATION: WEB CONTROL MODE, SUPPORT ANDROID, IOS SYSTEM.
- SUPPORT 1 USB RECORDING CHANNEL.
- SUPPORT ECHO/NOISE ELIMINATION FUNCTION.

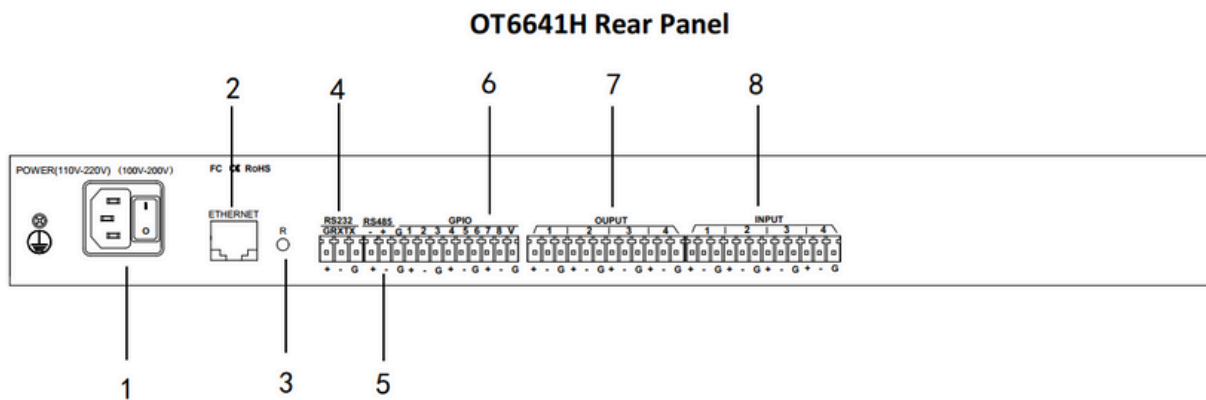
SPECIFICATIONS

Model	OT6641H
Frequency response	20 ~ 20kHz ($\pm 0.25\text{dB}$)
Input number	4
Output number	4
GPIO number	8, Freely configurable input and output
RJ45 number	1
USB number	1, Supports recording and broadcasting
The maximum analog gain	-60dB
Phantom powered	48V
Input and output	48KHz/24bit
A/D Dynamic Range	120dB
Total harmonic distortion (THD+N)	$\leq 0.002\%$ @1kHz, +4dBu
Output impedance	100 Ω balance, 50 unbalance
Maximum output	24dBu
Working power supply	AC 90V~260V AC, 50Hz /60Hz

FRONT / REAR PANEL



- (1) PWR: POWER INDICATOR. WHEN THE LIGHT IS ON, IT REPRESENTS THE POWER SUPPLY IS NORMAL. WHEN THE LIGHT OFF, IT REPRESENTS THE DEVICE POWER SUPPLY ABNORMAL;
- (2) SYS:STATUS INDICATOR. WHEN THE LIGHT IS FLASHING, IT REPRESENTS THE EQUIPMENT IS UNDER NORMAL OPERATION CONDITION, OTHERWISE THE EQUIPMENT IS FAILURE;
- (3) USB:SUPPORT RECORDING AND BROADCASTING FUNCTION;



- (1) AVC220V: POWER PLUG, SUPPORT AC 100V ~ 240V POWER SUPPLY, 50 ~ 60HZ, AND SWITCH BUTTON.
- (2) ETHERNET: A NETWORK INTERFACE CONNECTED TO THE PC, ONLINE EDITING, SENDING AND RECEIVING CONTROL FOR COMMAND.
- (3) RSET: SYSTEM RESET BUTTON.
- (4) RS232: COMMUNICATION INTERFACE CONNECTING THE EXTERNAL CONTROL EQUIPMENT/SUPPORTING +CAMERA TRACKING.
- (5) RS485: SUPPORT CAMERA TRACKING.
- (6) GPIO: COMMAND RE-SENDING. REFER TO THE GPIO SETTINGS FOR THE SPECIFIC CONNECTION.
- (7) OUTPUT: ANALOG AUDIO OUTPUT INTERFACE.
- (8) INPUT: ANALOG AUDIO MIC \LINE INPUT INTERFACE.