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### 4 in 4 Out Digital Audio Processor

S-TRACK® is top 3 audio processor factory in China. The majority of our member has been focusing on the AV field for more than 20 years. S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) is the most basic product of the TIGER series, can also be called as DSP or audio matrix, which built-in DSP audio processing, can be targeted to solve practical problems in small application scenarios.

### S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) Product Introduction:

This S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) is one of the main export models. 4 In 4 Out Digital Audio Processor (TIGER 44N) has built-in B/S service, supports WEB service, embedded volume and scene control function and the input and output sampling rate is not less than 48KHz/24bit.

## S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) Product Parameters

| Number of Analog Channels | 4-CH Balanced/Line Inputs + 4-CH Balanced/Line Outputs |
|---------------------------|--|
| Sampling Rate             | 48k@24bit  |
| Preamplification          | 51dB (3dB per file, 17 files in total)                 |

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|   | WWW.5-trackav.com      |
|---|------------------------|
| Phantom Power                             | 48V                    |
| Frequency Response                        | 20Hz ~ 20K Hz, ±0.3dB  |
| THD + N                                   | ≤ 0.005% @1k, 4dBu     |
| Digital-Analog Dynamic Range(A-weighting) | 114dB                  |
| Analog-Digital Dynamic Range(A-weighting) | 120dB                  |
| Input Impedance(Balanced)                 | 20kΩ                   |
| Output Impedance ( Balanced )             | 100Ω                   |
| EIN(A-weighting)                          | ≤ -125 dBu             |
| Channel Isolation                         | 100dB @1k Hz, 4dBu     |
| Common Mode Rejection                     | 70dB @80 Hz            |
| Maximum Input Level                       | 18dBu                  |
| Maximum Output Level                      | 18dBu                  |
| Background Noise                          | -90dBu                 |
| System Delay                              | ≤9ms                   |
| Working Power                             | AC110V-220V, 50Hz/60Hz |
| Working Temperature                       | 0-40℃                  |
| Chassis Size (WxDxH)                      | 482*258*45(mm)         |

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### S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) Product Features:

- 1. Comprehensive matrix mixing function, 24bit/48KHz sampling frequency, high-performance A/D D/A converter and 32-bit floating-point DSP processor.
- ★2. DSP audio processing, built-in automatic mixing console, including mixing and automatic mixing functions, with mixing component control functions, as well as feedback cancellation module, echo cancellation module, noise cancellation module.
- 3. Input Per Channel: preamplifier, signal generator, expander, compressor, 5-band parametric equalization.
- 4. Output Per Channel: 31-segment graphic equalization, delay, divider, limiter.
- 5. Chinese name can be set independently for each channel.
- Test signal generator, sine wave, pink noise, white noise, frequency and level selectable.
- 7. Input phase switch, mute switch, phantom power switch.
- 8. Output mute switch, phase switch for each channel.
- 9. Flexible switching between Chinese, Chinese Traditional and English languages.
- 10. One key to display all functional modules.
- 11. Random storage of Chinese help files and software.
- 12. Random generation of the central control code; power failure automatic protection memory function; one key reset function.
- ★13. Channel copy, paste, joint control function.



- 14. The same host allows 10 users to manage, the user name can be set to Chinese.
- 15. Equipment name can be modified, allowing Chinese name.
- 16. Editable preset mode, new, delete, modify, one key initialization, preset mode can be stored to computer and one key recovery.
- 17. Input and output channels can be independently set color, one-key recovery switch.
- 18. with camera tracking function, a camera can be independently preset position adjustment.
- ★19. Convenient Web Control: Built-in web controller, in Windows, Android, iOS and other platforms can be quickly operated.
- ★20. Enternet multi-purpose data transmission and control port, can support real-time management of single and multiple devices.
- 21. Intuitive image, simple and easy to understand graphical software control interface, to bring customers a fast, real-time operating experience.
- ★22. Equipment without CD-ROM, comes with its own installation software, a device for a software version, to solve the trouble caused by the loss of the installation CD and multiple software versions confusion.
- ★23. Expandable USB interface, which can realize the device upgrade function, USB music playback and recording function;.
- ★24. Configuration of bidirectional RS232 interface, RS485 interface, standard Ethernet control interface, 8-channel programmable GPIO control interface (customizable input and output).
- ★25. Support 8~100 groups of scene preset function.

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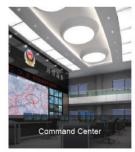
26. Intuitive, graphical software control interface, can work in XP/Windows7, 8, 10 and other system environments.

# S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) Application Scenarios:

S-TRACK® 4 In 4 Out Digital Audio Processor (TIGER 44N) is suitable for large-scale multi-system interconnection projects such as hotels, supermarkets, gymnasiums, transportation hubs, theme parks, corporate headquarters, administrative centers, learning, and so on.









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