Skyco TECHNOLOGIES

AUDIO DATASHEET
DS-PA-07 · Rev A · November 2026

COMMERCIAL PA · ZONING AMPLIFIER

TI-5006S

6-zone mixer amplifier, 500 W

A 500 W mixer amplifier with six speaker zones, MP3, FM and Bluetooth, for offices, schools and mid-size retail.

500 W | 6 zones | MP3 · FM · Bluetooth | 70 / 100 V



500 W
Rated output

6
Speaker zones

4 + 2
Mic and line inputs

2U
Rack height

Six zones, one amplifier. Music and paging where you want it.

The TI-5006S mixes four microphones, two line inputs and a built-in MP3, FM and Bluetooth player, and sends the result to six speaker zones, each with its own volume. A remote paging mic input supports up to six zone paging stations, and built-in bell and alarm tones serve schools and workplaces.

Six zones
Six 100 V zone outputs, each with its own volume.

Media player
USB and TF playback, FM and Bluetooth, with LCD and remote.

Remote paging
One remote mic input for up to six zone paging stations.

Bells and alarm
Built-in 2-tone and 4-tone bells and an alarm generator.

Five priority levels
EMC first, then TEL and remote mic, alarm, bell and music.

DC 24 V input
Runs from mains or a 24 V DC supply.

APPLICATIONS

Offices | Schools | Supermarkets | Factories | Clinics | Mid-size retail

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Specifications. Every input, output and rating.

AMPLIFIER

Rated output (THD 1%)	500 W RMS
Zone outputs 1–6	85 W max each
Outputs	70 V / 100 V, 4–16 Ω
THD	≤ 0.1% (1 kHz, 1/3 rated power)
Pre-amp out	1 V / 600 Ω

INPUTS

MIC 1–4	5 mV 600 Ω / 350 mV 10 kΩ, balanced
MIC response and SNR	80 Hz – 18 kHz, > 75 dB
Phantom power	+48 V, switchable per input
LINE 1–2	350 mV / 47 kΩ, > 80 dB SNR
TEL	775 mV / 10 kΩ
EMC	775 mV / 10 kΩ, highest priority
Remote mic	775 mV / 10 kΩ, up to 6 zone mics
Tone	±10 dB at 100 Hz and 10 kHz

MEDIA AND FUNCTIONS

Player	USB and TF: MP3, WMA, APE, FLAC, WAV, AAC
Tuner and Bluetooth	FM tuner, Bluetooth
Bells	2-tone and 4-tone bell, alarm generator
Recording	MIC recording to the player

POWER AND PHYSICAL

Power supply	AC 110 V/60 Hz or 230 V/50 Hz, and DC 24 V
Power consumption	750 W
Cooling	Fan
Dimensions	484 × 310 × 88 mm (2U)
Weight	9.0 kg

WORKS WITH

Speakers	SK-503W, SK-41S, SK-103
Volume control	SK-830K
Other power	TI-3506S (350 W)

MANUFACTURER

Brand	ITC

Specifications are typical values and may change without notice. Skyco confirms the final configuration with your quote.

Talk to our audio team.

We design the zones, size speakers and amplifiers to 100 V line practice, supply the system and support it.

1. **Design the zones**
2. **Quote**
3. **Supply**
4. **Install**
5. **Support**

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