Skyco TECHNOLOGIES

AUDIO DATASHEET
DS-PA-04 · Rev A · November 2026

COMMERCIAL PA · MIXER AMPLIFIER

T-500DM

Desktop mixer amplifier, 500 W

A 500 W desktop mixer amplifier with MP3, FM and Bluetooth built in: a complete music and paging system for one area.

500 W | 100 V or 4–16 Ω | MP3 · FM · Bluetooth | Desktop



500 W
Output power

4 + 2
Mic and AUX inputs

50 Hz–16 kHz
Frequency response

5.6 kg
Desktop unit

One box, one area. Music and paging sorted.

The T-500DM puts a mixer, a 500 W Class D amplifier and a media player into one compact desktop unit. Play music from USB, SD, FM or Bluetooth, page over four microphone inputs, and drive a 100 V speaker line or 4–16 Ω speakers. Priorities make sure alarms, chimes and announcements always cut through the music.

Music built in
MP3 from USB or SD, FM radio and Bluetooth, with the track on the display.

Four mic inputs
Phoenix inputs with 48 V phantom power for desk and gooseneck mics.

Paging first
EMC › siren › chime › MIC 1 › MIC 2–3 › AUX, with automatic music mute.

Chime and siren
Built-in bell and alarm tones, with remote triggering.

100 V or 4–16 Ω
Drive a 100 V speaker line or low-impedance speakers.

IR remote
Control the music source from up to 8 m away.

APPLICATIONS

Retail stores | Restaurants and cafés | Supermarkets | Small offices | Showrooms | Gyms

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Specifications. Every input, output and rating.

AMPLIFIER

Output power	500 W
Outputs	100 V line, 4–16 Ω
Frequency response	50 Hz – 16 kHz (+1, –3 dB)
THD	< 0.5% (1 kHz, 1/3 rated power)
SNR	MIC 66 dB, AUX 80 dB
Channel crosstalk	≥ 50 dB
Tone	Bass ±10 dB at 100 Hz, treble ±10 dB at 10 kHz

INPUTS AND OUTPUTS

MIC 1–4	5 mV / 600 Ω, Phoenix, 48 V phantom
AUX 1–2	350 mV / 10 kΩ, RCA
EMC	775 mV / 10 kΩ, Phoenix
MIX OUT	1000 mV / 470 Ω, RCA
Priority	EMC > siren > chime > MIC 1 > MIC 2–3 > AUX

MEDIA

Player	MP3 from USB and SD card
Tuner	FM, antenna port
Bluetooth	Built in
Remote	IR, up to 8 m

POWER AND PHYSICAL

Power supply	AC 220–240 V, 50 Hz
Power consumption	650 W
Cooling	Fan, variable speed
Protection	Overheat, overcurrent, short circuit
Dimensions	324 × 270 × 88 mm
Weight	5.6 kg

WORKS WITH

Speakers	SK-503W, SK-803W ceiling speakers
Paging mic	T-511C desk microphone
Other powers	T-120DM, T-240DM, T-350DM

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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