Skyco TECHNOLOGIES

AUDIO DATASHEET
DS-PA-13 · Rev A · November 2026

COMMERCIAL PA · PRE-AMPLIFIER

T-1S01

Pre-amplifier

A 1U mixer pre-amplifier with five balanced mic inputs and three AUX inputs, to feed power amplifiers in larger and multi-zone systems.

5 mic + 3 AUX | EMC input | Phantom power | 1U rack



5 + 3	20 Hz–20 kHz	85 dB	1U
Mic and AUX inputs	Frequency response	AUX SNR	Rack height

The front end. Mix it, then power it.

The T-1S01 mixes five balanced microphones and three AUX sources into one line-level output for power amplifiers. Each mic has its own gain and volume, with phantom power for condenser mics, and an EMC input takes priority for emergency messages.

Five mic inputs
Balanced, with individual gain and phantom power.

Three AUX inputs
For music players and other line sources.

EMC input
Takes priority over the other inputs, except MIC 2.

Tone and master
Bass, treble and master volume.

Feeds power amps
1 V / 600 Ω output to T-1240DS, T-1500DS and more.

1U rack
Standard 19" rack unit.

APPLICATIONS

Warehouses | Campuses | Stadiums | Factories | Large malls | Transport hubs

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Specifications. Every input, output and rating.

INPUTS AND OUTPUT

MIC 1–5	5 mV / 600 Ω, balanced, phantom power
AUX 1–3	200 mV / 10 kΩ, unbalanced
EMC	Priority input
Output	1 V / 600 Ω (0 dBV)

PERFORMANCE

Frequency response	20 Hz – 20 kHz (±1 dB)
SNR	MIC 80 dB, AUX 85 dB
Tone	Bass ±10 dB at 100 Hz, treble ±10 dB at 10 kHz

POWER AND PHYSICAL

Power supply	AC 110–230 V, 50/60 Hz
Dimensions	484 × 298 × 44 mm (1U)
Weight	4.22 kg

WORKS WITH

Power amplifiers	T-1240DS, T-1500DS, T-1650DS, T-4240DSA
Distributor	TS-205

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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