



## Description

COM series integrated amplifiers have been designed to ensure durable performance and reliable operation of sound system, in the most flexible and professional way.

COM 120 and COM 240 is customizing for every requirements by 5 zones of audio power output, Telephone input, six channels with Volume, Tone and Sensitivity control and by the optional modules, digital messages recorder, remote controller with zones selector and priority order, volume remote control and still more other. So COM series is best suited for any applications, for example: call and message transmission installations with alert system, audio diffusion in industrial enterprises, offices, hotels, schools, supermarkets, restaurants, motorway restaurants, auditoriums, gyms and similar.

## Features

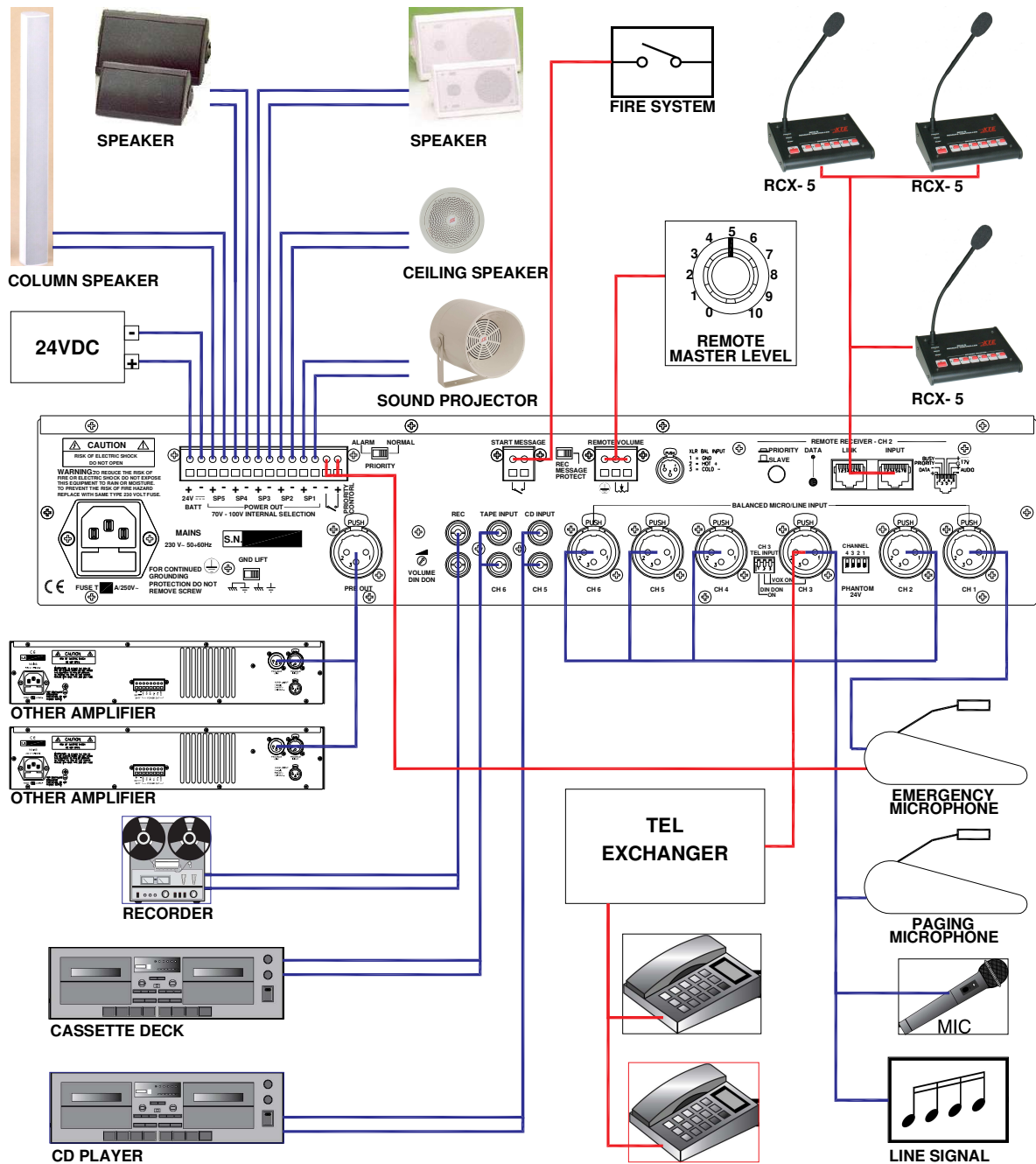
COM 120 and COM 240 is equipped with a whole of features, which help, in adapting mixer to particular applications.

- 6 MIC/LINE inputs electronically balanced, adjustable for medium-high level microphone and sources, connected to input sockets for a simple use
- Telephone input on the channel 3, which could be activated by micro-switch, for the connection to tel exchanger
- 1 PRE OUT output for the connection to other Amplifiers
- A 24 VCC potential is available for the first 4 MIC sockets, which could be inserted by a 4 way micro-switch and conveyed on the phonic line, the same potential for the eventual direct "phantom" power supply of electrets microphones
- Led power on indicator and Level meters
- Sensitivity controls (GAIN)
- Tones (TREBLE, MIDDLE, BASS)
- Volume (LEVEL) separated to each input and main volume control (MASTER)
- Audio power outputs arranged for the connection of up to 5 Zones at constant voltage (100V/70V internal selection) which could be activated by frontal push buttons or RCX-5 remote controller
- Input for priority activation with preselectable Alarm function, that automatically insert all the Zones
- The unit is expected to work with 230 VCA – 50/60 Hz distribution systems and with 24 VCC battery.
- The whole electronic circulation has quality and safety features in working; it is provided with "earth-lift" switch (on the back).

## Optional Features

- C714 Din Don optional card with trimmer to adjust the volume on the back panel
- C717 optional card with terminal for remote volume control
- RRX-3 Remote Receiver digital optional card for the connection of up to 3 RCX-5 Remote Paging Microphones with priority activation order and zones selection (Audio, data and power through one cable UTP-Cat5)
- MR 30 optional card for digital voice messages recording, 30sec Max. The card has Play, Stop, Rec, volume (Level) control, Active led and integrate microphone on the frontal panel. The playing and repeat orders could be activated by remote control connect to terminal on the back

# System Architecture Diagram



## Specifications

TAPE/CD input sensitivity	-34 ÷ +14 dB 15mV ÷ 3.8V		COM 120	COM 240
MICRO/LINE input sensitivity (CH3 TEL)	-50 ÷ -2 dBu 2,5 ÷ 500 mV	RMS nominal power	120 W	240 W
Bass control	± 12 dB to 60Hz	I.H.F. power	180 W	360 W
Middle control	± 8 dB to 700Hz	Consumption	220 VA	440 VA
Treble control	±12dB to 10KHz	Dimensions (WxHxD)	443(Rack482)x88x256	436(Rack482) x132x304
TAPE REC output level	-5 dBu 430 mV	Weight (Kg)	8	14
Frequency response MIC (@-3 dB)	80-16.000 Hz	Loudspeaker output	5 ZONES 70-100 V (internal selection)	
Frequency response LINE (@-3 dB)	60-17.000 Hz	Optional specifications:		
Signal/noise ratio (20÷20KHz weighted):	Micro >62dB Line >80dB	MR 30 – Recording capacity	1 message 0÷30sec. , Terminal for Fire system	
Power supply voltage from AC main	230V 50÷60Hz	Remote Controller RCX-5, Remote Receiver RRX-3	Connection up to 3 RCX-5, LAN cable at the 100mt MAX.	
Power supply voltage from battery	24 DC	Remote master control	Cable of connection at the 100mt MAX.	

**XTE electronic**

Via Tragni, 6  
42043 Gattatico RE  
ITALY

Tel. +39 0522 900166

Fax. +39 0522 678548

[WWW.XTEELECTRONIC.COM](http://WWW.XTEELECTRONIC.COM)