



PUBLIC ADDRESS SYSTEM RU6/100

- Fully electronic modular system used at small stations and also at large railway junctions
- Easy installation and operation
- Based on set priorities it can be remotely controlled by phone from up to six locations
- Compatible with all communication systems
- High reliability



General Description

RU6/100 (further as RU) is a product designed as public address system for railway stations, bus stations and Metro stations. It can be used also at exhibition areas, sport stadiums and halls. It can be used as local public address system in communities and small towns.

In railway operation it provides the sound system for platforms, waiting rooms, railyards and other railway station areas.



Basic Technical Description

RU can also be controlled from other software compatible work stations.

RU units can be installed inside metal cabinets in 19" industrial module with surface finish.

RU6/100-VV input-output unit includes correction preamplifier and module of a band limitation, attenuation setting, gong generator, switch for six output speaker branches, modem for control through telephone line with tone dialling and the power supply source.

RU6/100-Z200 (Z400) – amplifier fitted with modern components, manufactured in two models of 150 W or 300 W outputs at 100 V.

RU6/100-OM – control microphone.

To the single control unit up to four control microphones and six and even more power amplifiers can be connected. With parallel connection the highest RU set can reach up to 3000 W output.

RU can be remotely controlled over the phone line and from an automatic call box of four interrelated workplaces according to priorities.

In addition any audio-signal connected to L input (i.e. tape recorder) can be recorded.

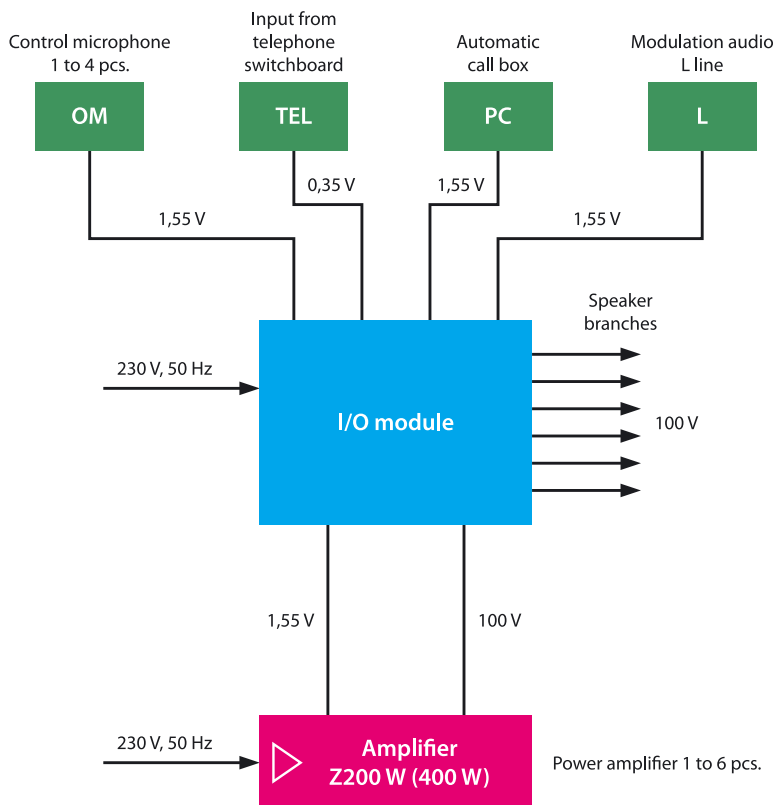
Through PC input the Public Address System can be switched automatically from all the audio-signal sources.





Basic Technical Parameters

Unit	RU6/100-VV	RU6/100-Z200	RU6/100-Z400	RU6/100-OM
Power supply	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	24 V
Input	30 VA	310 A	610 VA	5 VA
Input parameters	1,55 V/600 Ω line DTMF	1,55 V/100 kΩ	1,55 V/100 kΩ	1,55 V/600 Ω
Output parameters	1,55 V/600 Ω	100 V _{ef} /150 W	100 V _{ef} /300 W	1,55 V/600 Ω
Frequency range	50 Hz to 16 kHz	80 Hz to 10 kHz	80 Hz to 10 kHz	
Microphone			dynamic	
Correction	80 Hz ± 10 dB 1 kHz ± 10 dB 8 kHz ± 10 dB			
Protection – safety fuse	T 200 mA	T 2,5 A	T 3,15 A	
Thermal protector		yes, reversible	yes, reversible	
Indication	power supply function failure	power supply failure modulation	power supply failure modulation	power supply failure
Working temperature range	-10 to +40 °C	-10 to +40 °C	-10 to +40 °C	-10 to +40 °C
Weight	5 kg	6 kg	7 kg	1,5 kg
Protection	automatic disconnecting from source	automatic disconnecting from source	automatic disconnecting from source	SELV equipment
Max. line length				1 km



Block diagram