

# SPGU-35

Aircraft intercom



RESEARCH & PRODUCTION  
COMPANY

**PRIMA**



Control panel  
B7-226



Control panel B7A-35



Control panel  
B8-226



Control panel  
B7-226



Control panel  
B7A-35



Amplifying and switch unit  
B27-35 with DSP and SELCAL



Amplifying and switch unit  
B27-35



PA amplifier  
LFA 2x3, LFA 2x10

## Main features:

- two-way internal telephone communication for the crew as well as for communication with ground maintenance personnel (GMP);
- passenger addressing (PA) экипажем пассажиров салона;
- external communication for the crew by connecting each crewman **control panel** to any of the four radios;
- listening to navigation devices signals (NAV): separate of simultaneous with external communication;
- simultaneous listening to special signals (SST);
- activation of squelch with preset of the threshold via the channels of listening to SST;
- listening to NAV signals and to external communication via the radio during the communication via intercom and listening to intercom communications during the external communication.;
- self-listening and listening to the messages via headsets of the crew as well as via the cabin external loudspeaker;
- separate adjustment of internal. external and PA signals volume; joint adjustment of the listening to NAV and to the radio set (additional listening);
- interfacing with cockpit voice recorder to record the crew conversations during internal and external communication, including voice recording from microphones when PTTs are not pressed
- priority for control of the radios, PA according to user number increasing.

## SPECIFICATIONS:

Parameter	Value
Amplifying paths operating frequency range, Hz	300 to 4000
LFA amplifying paths operating frequency range, Hz	200 to 8000
The number of users (crewmen)	up to 5
The number of the connected radios for external communication	up to 4
The number of GMP users	3
The number of the output channels to CVR	3
The number of the connected NAV	8
The number of connected SST+ VWS	7+1
Power supply from aircraft mains, V	24 – 29.4
Power consumption from aircraft mains 27 V, W	
Amplifying and switch unit B27-35	20
Control panel B7A-35	4,5
Control panel B7-226	3
Control panel B8-226	6
PA amplifier LFA 2x3, LFA 2x10	5/40
Operating temperature range, °C	
upper limit	+ 55
lower limit	- 55
Weight of the units, kg	
Amplifying and switch unit B27-35	1.6
Control panel B7A-35	0.7
Control panel B7-226	0.6
Control panel B8-226	0.7
PA amplifier LFA 2x3/LFA 2x10	0.5
Dimensions of the units, (WxHxD), mm	
Amplifying and switch unit B27-35	160x71x220
Control panel B7A-35	146x80x122
Control panel B7-226	146x64x124
Control panel B8-226	146x80x119
PA amplifier LFA 2x3, LFA 2x10	90x50x131

