

## SPA400 Localization Configuration

Country	Receive Gain	Impedance (Ohms)	Tip/Ring Voltage (V)	Operational Loop Current Min (mA)	On-hook Speed (ms)	DC Current Limiting	Caller ID * Method
Argentina	0	600	3.5	10	< 0.5	Disable	European(FSK)
Australia	3	220+(820  120nF)	3.2	12	26	Disable	North America
Austria	3	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Bahrain	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Belgium	0	270+(750  150nF)	3.5	10	3	Enable	ETSI DTMF
Brazil	0	600	3.5	10	< 0.5	Disable	ETSI DTMF
Bulgaria	0	220+(820  120nF)	3.5	10	3	Enable	North America
Canada	0	600	3.5	10	< 0.5	Disable	North America
Chile	0	600	3.5	10	< 0.5	Disable	European(FSK)
China	0	600	3.5	10	< 0.5	Disable	North America
Colombia	0	600	3.5	10	< 0.5	Disable	North America
Croatia	0	270+(750  150nF)	3.5	10	3	Enable	North America
Cyprus	0	270+(750  150nF)	3.5	10	3	Enable	North America
Czech Republic	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Demark	0	270+(750  150nF)	3.5	10	3	Enable	DTMF(Demark)
Ecuador	0	600	3.5	10	< 0.5	Disable	European(FSK)
Egypt	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Salvador	0	600	3.5	10	< 0.5	Disable	North America
Finland	0	270+(750  150nF)	3.5	10	3	Enable	DTMF(Finland)
France	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Germany	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Greece	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Guam	0	600	3.5	10	< 0.5	Disable	North America
Hong Kong	0	600	3.5	10	< 0.5	Disable	North America
Hungary	0	270+(750  150nF)	3.5	10	3	Enable	North America
Iceland	0	270+(750  150nF)	3.5	10	3	Enable	ETSI DTMF
India	0	600	3.5	10	< 0.5	Disable	ETSI DTMF
Indonesia	0	600	3.5	10	< 0.5	Disable	ETSI DTMF
Ireland	3	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Israel	0	270+(750  150nF)	3.5	10	3	Enable	North America
Italy	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Japan	0	600	3.2	12	< 0.5	Disable	Japanese
Jordan	0	600	3.2	12	< 0.5	Disable	North America
Kazakhstan	0	600	3.5	10	< 0.5	Disable	North America
Kuwait	0	600	3.5	10	< 0.5	Disable	North America
Latvia	0	270+(750  150nF)	3.5	10	3	Enable	North America

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Lebanon	0	270+(750  150nF)	3.5	10	3	Enable	North America
Luxembourg	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Macao	0	600	3.5	10	< 0.5	Disable	North America
Malaysia	0	600	3.2	12	< 0.5	Disable	North America
Malta	0	270+(750  150nF)	3.5	10	3	Enable	North America
Mexico	3	600	3.5	10	< 0.5	Disable	European(FSK)
Morocco	0	270+(750  150nF)	3.5	10	3	Enable	North America
Netherland	0	270+(750  150nF)	3.5	10	3	Enable	ETSI DTMF
New Zealand	0	370+(620  310nF)	3.5	10	< 0.5	Disable	North America
Nigeria	0	270+(750  150nF)	3.5	10	3	Enable	North America
Norway	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Oman	0	600	3.2	12	< 0.5	Disable	North America
Pakistan	0	600	3.2	12	< 0.5	Disable	North America
Peru	0	600	3.5	10	< 0.5	Disable	North America
Philippines	0	600	3.2	12	< 0.5	Disable	ETSI DTMF
Poland	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Portugal	0	270+(750  150nF)	3.5	10	3	Enable	ETSI DTMF
Romania	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Russia	0	600	3.5	10	< 0.5	Disable	European(FSK)
Saudi Arabia	0	600	3.5	10	< 0.5	Disable	ETSI DTMF
Singapore	0	600	3.5	10	< 0.5	Disable	North America
Slovakia	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Slovenia	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
South Africa	0	220+(820  120nF)	3.5	10	< 0.5	Disable	European(FSK)
South Korea	0	600	3.5	10	< 0.5	Disable	North America
Spain	3	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Sweden	0	270+(750  150nF)	3.5	10	3	Enable	DTMF(Finland)
Switzerland	0	270+(750  150nF)	3.5	10	3	Enable	European(FSK)
Taiwan	0	600	3.5	10	< 0.5	Disable	European(FSK)
Thailand	0	600	3.2	1.2	< 0.5	Disable	North America
United Kingdom	0	320+(1050  230nF)	3.5	10	3	Enable	European(FSK)
USA	0	600	3.5	10	< 0.5	Disable	North America
Yemen	0	600	3.5	10	< 0.5	Disable	North America

\* For some countries, Caller ID Method listed in this table is different because of location or Switch.