

## AUXILIARY SIGNALS

### IDENTIFICATION, INSTALLATION, OPERATION, MAINTENANCE, AND CONNECTIONS

#### 1. GENERAL

**1.001** This addendum supplements Section 463-110-100, Issue 13. Place this pink sheet ahead of Page 1 of this section.

**1.002** This addendum is issued to revise information in Table A.

#### 2. CHANGES TO SECTION

**2.001** On Page 7, Table A, on the line for the unit KS-16301, L4 in the column designated

OPERATING VOLTAGE, remove the footnote symbol (§) as it does not apply (see Table A).

**2.002** On Page 7, Table A, on the line for the unit KS-16301, L20 in the column designated OPERATING VOLTAGE, 48-volt ac should be 18-volt ac §. The footnote symbol (§) does apply on this line (see Table A).

**2.003** On Page 7, Table A is obsolete. A new Table A is provided in this addendum.

#### NOTICE

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Bell System except under written agreement

TABLE A  
ORDERING GUIDE

UNIT	LOCATION	STROKE	OPERATING VOLTAGE	MAXIMUM CURRENT (AMPERES)	OUTPUT (dB)	MAXIMUM OUTPUT VOLTS	RELAY OPERATION†	SEE FIG. NO.
<b>BELL</b> KS-8547, L1	Hazardous-Indoor	Vibrating	115-volt ac	0.21				1
KS-8547, L2	Hazardous-Outdoor	Vibrating	115-volt ac	0.21				1
KS-8547, L3*	Hazardous-Indoor	Single	115-volt ac	0.12				1
KS-8547, L4*	Hazardous Indoor-Outdoor	Single	115-volt ac	0.12				1
KS-16301, L3	Indoor-Outdoor	Vibrating	115-volt ac	0.125	100.0		Table C	8
KS-16301, L4	Indoor-Outdoor	Single	115-volt ac	0.350	98.0		Table C	9
KS-16301, L20	Indoor-Outdoor	Vibrating	18-volt ac §	0.325	85.0		Table C	10
KS-20375, L1 ‡	Indoor	Vibrating	18-volt ac	0.325	101.6			2
<b>CHIME</b> KS-8229, L13 (MD)	Indoor	Single	115-volt ac	0.07			48-volt dc	3
KS-8229, L14 (MD)	Indoor	Single	115-volt ac	0.07			48-volt ac	3
KS-8229, L15 (MD)	Indoor	Single	115-volt ac	0.07			90 volt, 20 Hz	3
KS-8229, L23 (MD)	Indoor	Single	115-volt ac	0.07				3
KS-16301, L1	Indoor-Outdoor	Single	115-volt ac	0.400			Table C	11
KS-22001, L2	Indoor	Single	115-volt ac	0.07	75.0			4
KS-22001, L5	Indoor	Single	115-volt ac	0.07	75.0		48-volt dc	4
KS-22001, L6	Indoor	Single	115-volt ac	0.07	75.0		48-volt ac	4
KS-22001, L7	Indoor	Single	115-volt ac	0.07	75.0		90 volt, 20 Hz	4
<b>HORN</b> KS-16301, L2	Indoor-Outdoor		115-volt dc §	0.031	100.0		Table C	12
KS-16301, L5	Indoor-Outdoor		115-volt ac	0.450	105.0		Table C	12
KS-16301, L6	Indoor-Outdoor		48-volt ac §	1.30	100.0		Table C	12
KS-16301, L21	Indoor-Outdoor		48-volt dc §	1.30	86-96		Table C	
<b>SWITCH, RELAY</b> KS-20614, L1	Indoor			5A		40-130 volt, 20 Hz	90 volt, 20 Hz	20, 27
KS-20614, L2	Indoor			3.2A		40-130 volt, 20 Hz	90 volt, 20 Hz	27, 28

\* May be ordered equipped for 115-volt dc operation.

† • 48-volt ac relays will operate on 9-volt minimum.

• 48-volt dc relays will operate on 17-volt minimum.

• Ringing current relays will operate on 53-volt minimum with wide airgap and 54-volt minimum with close airgap.

‡ A KS-2189 transformer or 215A power unit or power supply of local key system may be used to supply 18-volt ac as long as capacity of power supply is not exceeded.

§ Do not plug into 115 volts, 60 Hz.