

ST and SG Voice Switch Pin-outs
With 25 pair color code

Current Appliances

ST-50A

Four loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2		3		4										9		10		11		12			X
T		T		T		T										E		E		E		E			X
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Two configurable ports (E) for telephones or DID trunks.

ST-100A

Eight loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2		3		4		5		6		7		8		9		10	13	11	14	12			X
T		T		T		T		T		T		T		T		E		E	E	E	E	E			X
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Six configurable ports (E) for telephones or DID trunks.

ST-100DA

Two loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2														9		10	13	11	14	12			X
T		T														E		E	E	E	E	E			X
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Six configurable ports (E) for telephones or DID trunks.

ST-24A/48A

Twenty-four configurable ports (E) for telephones.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		X
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E		X
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

*The SG-24A is a legacy appliance with identical pinouts.

Legacy Appliances

SG-30

Two loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2																			11		12		X
T		T																			E		E		X
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Two configurable ports (E) for telephones or DID trunks.

SG-50/50V

Four loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2		3		4															11		12		X
T		T		T		T															E		E		X
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Two configurable ports (E) for telephones or DID trunks.

SG-90/90V

Eight loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2		3		4		5		6		7		8		9		10		11		12		X	
T		T		T		T		T		T		T		T		E		E		E		E		X	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Four configurable ports (E) for telephones or DID trunks.

SG-220T1A

Two loop start ports (T) for trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2														9		10		11		12		X	
T		T														E		E		E		E		X	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Four configurable ports (E) for telephones or DID trunks.

SG-24A

Twenty-four configurable ports (E) for telephones.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	X	
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	X	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Super Legacy Full-Width Appliances

SG-60/12

Eight universal ports (U) for telephones or trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1		2		3		4		5		6		7		8		9		10		11		12		X	
U		U		U		U		U		U		U		U		E		E		E		E		X	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Four configurable ports (E) for telephones.

SG-120/24

Eight universal ports (U) for telephones or trunks.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	ring
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	X	
U	U	U	U	U	U	U	U	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	X	
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	tip

Sixteen configurable ports (E) for telephones.