3251 Olcott Street, Santa Clara, CA 95054, USA

Telephone Remote Control Quick Reference V1.0

Telephone Remote Control - To control the FLS-2 2-way remotely from a touch-tone telephone, proceed as follows:

- 1. Dial the telephone number assigned to the FLS-2 using a touch-tone telephone. The FLS-2 will generate three beeps when it answers the call.
- 2. Enter the Station ID assigned to this FLS-2, followed by the * key. This is the login sequence.
- 3. Enter the Function Code. See the table below. The FLS-2 confirms all functions with voice messages.
- 4. Enter further Function Codes.
- 5. Hang up (logout) phone by pressing the # key.
- 6. Disconnect your telephone call.

2-Way Transmitter - Telephone Remote Control

Function	Code	Speech
Login, Station ID followed	xxxx*	"Welcome to the FLS-2 unit."
by the * key		"Station xxxx"
Security access feature		Report Unit Status "Enter Code"
		OR "FLS-2 not available"
Toggle Active / Standby	00	"FLS-2 {Standby / On}"
Select East Line	01	"East {Connection / not installed}"
Select West Line	02	"West {Connection / not installed}"
Select West & East Line	03	"West & East {Connection / not installed}"
Select LF1 (512Hz)	04	"Low-Frequency one."
Select 8K (8192Hz)	05	"High-Frequency Mode"
Select SD1 (256/512Hz)	06	"SD one Mode"
Select SD2	07	"SD two Mode" (if applicable)
Report Line Parameters	80	"FLS-2 Standby"
		Or "[Report Alarm], [xx volts, xxx milliamps],
D The same value		[xx ELF volts, xxx ELF milliamps], [Resistance xxx Ohms]
Report Timer Value	09	"Timer x hours" or "Time off"
		or "Time on or "Time remaining x hours xx minutes"
Report Software Versions	10	"ARM Version x.xxxx, DSP Version x.xxxx, Handheld Version x.xxxx"
Select LF2	11	"Low Frequency two" (if applicable)
Select LF3	13	"Low Frequency three" (if applicable)
Select LF4	14	"Low Frequency four" (if applicable)
Select 273Hz	15	"Low Frequency 273" (if applicable)
Select SD3	18	"SD three Mode" (if applicable)
Select SD4	19	"SD four Mode" (if applicable)
Toggle ELF on / off	35	"ELF-x on" OR ELF {off / not available / not installed}" (if applicable)
Switch ELF ONLY on for two hours	62	"ELF-x Mode for 2 hours" OR "ELF not installed" (if applicable)
Switch ELF ONLY on for four hours	64	"ELF-x Mode for 4 hours" OR "ELF not installed" (if applicable)
Report Unit Status	*	"FLS-2 Standby, {East / West / West & East} Connection, {Frequency / Mode}, [{ELF-x on / ELF off}]
		Or "[Report Alarm], FLS-2 On, Time remaining x hours xx minutes, {East / West / West & East} Connection, {Frequency / Mode}, [{ELF-x on / ELF off}]"
Hang-up	#	Goodbye
	Other	"Code not available / Invalid"



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Telephone Remote Control - To control the FLS-2 4-way remotely from a touch-tone telephone, proceed as follows:

- 1. Dial the telephone number assigned to the FLS-2 using a touch-tone telephone. The FLS-2 will generate three beeps when it answers the call.
- 2. Enter the Station ID assigned to this FLS-2, followed by the * key. This is the login sequence.
- 3. Enter the Function Code. See the table below. The FLS-2 confirms all functions with voice messages.
- 4. Enter further Function Codes.
- 5. Hang up (logout) phone by pressing the # key.
- 6. Disconnect your telephone call.

4-Way Transmitter - Telephone Remote Control

Function	Code	Speech
Login, Station ID followed	xxxx*	"Welcome to the FLS-2 unit."
by the * key		"Station xxxx"
Security access feature		Report Unit Status
		"Enter Code"
		or "FLS-2 not available"
Toggle Active / Standby	00	"FLS-2 {Standby / On}"
Select LF1 (512Hz)	04	"Low-Frequency one."
Select 8K (8192Hz)	05	"High-Frequency Mode"
Select SD1 (256/512Hz)	06	"SD one Mode"
Select SD2	07	"SD two Mode" (if applicable)
Report Line Parameters	80	"FLS-2 Standby"
		Or "[Report Alarm], [xx volts, xxx milliamps],
		[xx ELF volts, xxx ELF milliamps], [Resistance xxx Ohms]
Report Timer Value	09	"Timer x hours"
		or "Time off"
December 1997	40	or "Time remaining x hours xx minutes"
Report Software Versions	10	"ARM Version x.xxxx, DSP Version x.xxxx, Handheld Version x.xxxx"
Select LF2	11	"Low Frequency two" (if applicable)
Select LF3	13	"Low Frequency three" (if applicable)
Select LF4	14	"Low Frequency four" (if applicable)
Select 273Hz	15	"Low Frequency 273" (if applicable)
Select SD3	18	"SD three Mode" (if applicable)
Select SD4	19	"SD four Mode" (if applicable)
Toggle ELF on / off	35	"ELF on" or "ELF {off / not available / not installed}"
Select Line 1	21	"Line 1{Connection / not installed}"
Select Line 2	22	"Line 2{Connection / not installed}"
Select Line 3	23	"Line 3{Connection / not installed}"
Select Line 4	24	"Line 4{Connection / not installed}"
Select Line 1 & 3	25	"Line 1 & 3{Connection / not installed}"
Select Line 2 & 4	26	"Line 2 & 4{Connection / not installed}"
Switch ELF ONLY on for	62	"ELF-x Mode for 2 hours" or "ELF not installed" (if applicable)
two hours		
Switch ELF ONLY on for	64	"ELF-x Mode for 4 hours" or "ELF not installed" (if applicable)
four hours		
Report Unit Status	*	"FLS-2 Standby Line Connection, {Frequency / Mode}, [{ELF-x on / ELF off}]
		Or "[Report Alarm], FLS-2 On, Time remaining x hours xx minutes, Line Connection,
Hong up	#	{Frequency / Mode}, [ELF on / off]"
Hang-up	#	Goodbye
	Other	"Code not available / Invalid"



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Telephone Remote Control - To control the FLS-2 16-way remotely from a touch-tone telephone, proceed as follows:

- 1. Dial the telephone number assigned to the FLS-2 using a touch-tone telephone. The FLS-2 will generate three beeps when it answers the call.
- 2. Enter the Station ID assigned to this FLS-2, followed by the * key. This is the login sequence.
- 3. Enter the Function Code. See the table below. The FLS-2 confirms all functions with voice messages.
- 4. Enter further Function Codes.
- **5.** Hang up (logout) phone by pressing the # key.
- 6. Disconnect your telephone call.

16-Way Transmitter - Telephone Remote Control

Function	Code	Speech
Login, Station ID followed	xxxx*	"Welcome to the FLS-2 unit."
by the * key		"Station xxxx"
Security access feature		Report Unit Status
		"Enter Code"
		or "FLS-2 not available"
Toggle Active / Standby	00	"FLS-2 {Standby / On}"
Select LF1	04	"Low-Frequency one."
Select 8K (8192Hz)	05	"High-Frequency Mode"
Select SD1 (256/512Hz)	06	"SD one Mode"
Select SD2	07	"SD two Mode" (if applicable)
Report Line Parameters	80	"FLS-2 Standby"
		Or "[Report Alarm], [xx volts, xxx milliamps],
		[xx ELF volts, xxx ELF milliamps], [Resistance xxx Ohms]
Report Timer Value	09	"Timer x hours"
		or "Time off"
		or "Time remaining x hours xx minutes"
Report Software Versions	10	"ARM Version x.xxxx, DSP Version x.xxxx, Handheld Version x.xxxx"
Select LF2	11	"Low Frequency two" (if applicable)
Select LF3	13	"Low Frequency three" (if applicable)
Select LF4	14	"Low Frequency four" (if applicable)
Select 273Hz	15	"Low Frequency 273" (if applicable)
Select SD3	18	"SD three Mode" (if applicable)
Select SD4	19	"SD four Mode" (if applicable)
Toggle ELF on / off	35	"ELF-x on" or "ELF {off / not available / not installed}"
Line Status (individual)	401-	"MUX N {on / off}" N=116
	416	
Turn all lines off	500	"MUX Line off"
Toggle line on / off	501-	"MUX N {on / off}" N=116
	516	
Line Status (identify all	520	"MUX Line {N1, N2} on", Nx = 116
lines that are on)		OR "MUX Line Off"
Switch ELF ONLY on for	62	"ELF-x Mode for 2 hours" or "ELF not installed"
two hours	6:	
Switch ELF ONLY on for	64	"ELF-x Mode for 4 hours" or "ELF not installed"
four hours	*	"ELS 2 Standby Line Connection (Erequency / Mode) [ELE v (on / eff)]
Report Unit Status		"FLS-2 Standby Line Connection, {Frequency / Mode}, [ELF-x {on / off}] Or "[Report Alarm], FLS-2 On, Time remaining x hours xx minutes, MUX Line Status,
		{Frequency / Mode}, [ELF-x {on / off}]"
Hang-up	#	Goodbye
Tiding up	Other	"Code not available / Invalid"
	Other	Out not available / invalid



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