GENERAL INFORMATION

The Radio Remote Focus Unit (RRFU) provides a simple, wireless solution for remote control. Compatible with the ETC Express, Expression and Insight consoles and LPCs, as well as the ARRI Finesse, Focus and Imagine consoles, and the Emphasis Control System, this small hand-held transmitter unit provides access to frequently used commands for dimmer and channel checks as well as macro and record functions. The small receiver unit plugs directly into and is powered by the RFU port on the console or nodes.

APPLICATIONS	Theatre
	Schools & Colleges
	TV Studio
	Touring
FEATURES	Wireless communication
	Generous radio range
	Commonly used commands for focus and basic record & playback
	Macro access for any other console commands
	Function key provides access to alternate commands using same keys
	Programmable Sleep feature
	On/Off switch
	Supports multiple units on one receiver
	Supports multiple systems operating separately in same area
	Standard 9V alkaline battery
	Belt clip, and wrist strap / lanyard hanging point
ACCESSORIES	ECPB wall plates (female connection) available
	Console to wall (M-M) cables available
	Extension (M-F) cables available

ORDERING INFORMATION

Radio Remote Focus Unit Package

Part#	Model#	Description
4031A1016	RRFU-US	RRFU Kit: Transmitter and Receiver 914.5MHz USA
4031A1018	RRFU-TX-US	RRFU Transmitter - 914.5MHz USA
4031A1022	RRFU-RX-US	RRFU Receiver 914.5MHz USA
4031A1015	RRFU-EU	RRFU Kit: Transmitter and Receiver 433.92 MHz Europe
4031A1017	RRFU-TX-EU	RRFU Transmitter 433.92 MHz Europe
4031A1019	RRFU-RX-EU	RRFU Receiver 433.92 MHz Europe

Product Accessories

Part#	Description
1094A1040	ECPB: RFU plug in station
1094A1050	ECPB: RFU/NET plug in station
1094A1060	ECPB: DMX1 IN/RFU plug in station
1094A1065	ECPB: DMX2 OUT/RFU plug in station
1094A1075	ECPB: DMX1 IN/RFU/LINK plug in station
1094A1080	ECPB: DMX1 IN/RFU/LINK/NET plug in station
1094A1085	ECPB: DMX1 IN/RFU/LINK/UINSON plug in station
1094A1090	ECPB: DMX1 IN/RFU/LINK/NET/UNI plug in station
1094A1095	ECPB: DMX1 IN/DMX2 IN/RFU/LINK plug in station
1085A1040	10' RFU/LINK M-M extension cable
1085A1052	50' RFU/LINK M-M extension cable
1085A1010	100' RFU/LINK M-M extension cable
1085A1008	25' RFU/LINK M-M extension cable
1085A1013	50' RFU/LINK M-M extension cable
1085A1009	100' RFU/LINK M-M extension cable

SPECIFICATIONS

Transmitter Unit (Handheld)

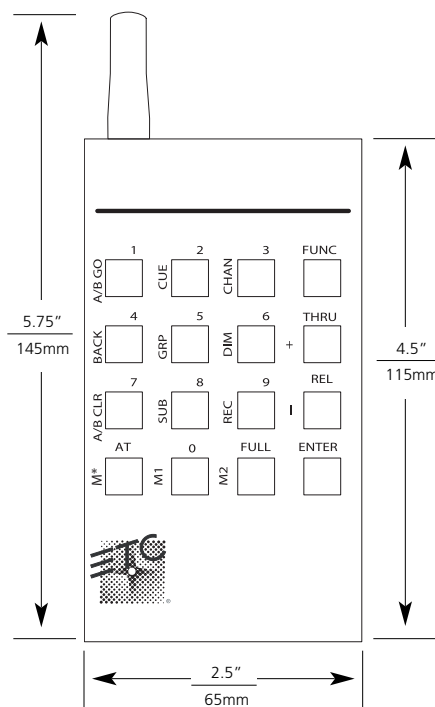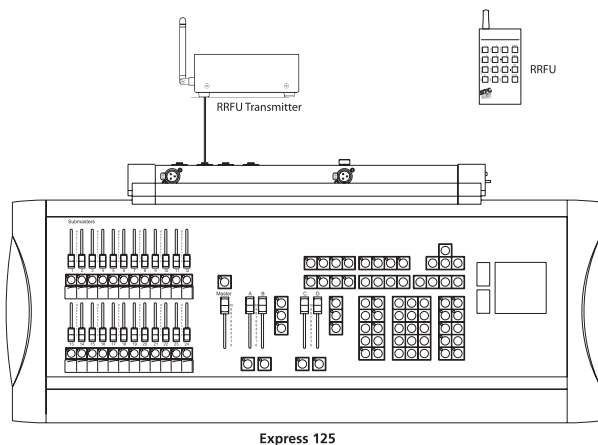|	
OUTPUT	US: UHF 914.5MHz, 1mW maximum
	EU: UHF 433.92MHz, 10mW Maximum
ANTENNA	Helical, fixed
WORKING RANGE	240'/75m indoor, 650'/200m in free field
POWER	9 Volt 6F22 battery, 1 year lifetime in average use
SIZE	4.5x2.5x0.8"/115 x 65 x 20mm (excl. antenna)
WEIGHT	0.6lbs/280g (incl. antenna)

Receiver Unit (Base Station)

OUTPUT	RS485 serial communication
CONNECTIONS	Integral 6.6'/2m 6-pin XLR cable to RFU port
MAX. CABLE LENGTH	330'/100m Maximum from power source
POWER	7-12Vdc, 25-30mA
SIZE	4.4x2.8x1.6"/112 x 71 x 40mm (excl. antenna)
WEIGHT	1.0lbs/465g (incl. cable and antenna)

RRFU Compatibility

Express 24/48, 48/96, 72/144, 125, 250
Express LPC 96 / 192 / 250
Expression 2 400 / 800 / 1200
Expression 2x 400 / 800 / 1200
Expression 3 400 / 800 / 1200
Expression LPC 400 / 800 / 1200
Insight 2, 2x, 3, LPC
Impression 2
Arri Imagine 2, 3
Arri Focus
Arri Finesse
Emphasis Facepanel / LPCs
ETCNet2 DMX Nodes
ETCNet2 Video Node
Remote Interface Unit
Remote Video Interface

TYPICAL SYSTEM RISER DIAGRAM

Express 125

DIMENSIONS

Product Dimensions

Model	Height		Width		Depth		Cable Length	
	inches	mm	inches	mm	inches	mm	feet	metre
RRFU Transmitter	4.5	115	2.5	65	0.8	20	n/a	n/a
RRFU Receiver	4.4	112	2.8	71	1.6	40	6.6	2
RRFU Ship Dimensions	2.75	72	11.5	290	7.5	192	n/a	n/a

WEIGHTS

Product Weights

Model	Weight	
	lbs	kgs
RRFU Transmitter	0.6	0.28
RRFU Receiver	1.0	0.46
RRFU Shipping Weight	2.0	0.9