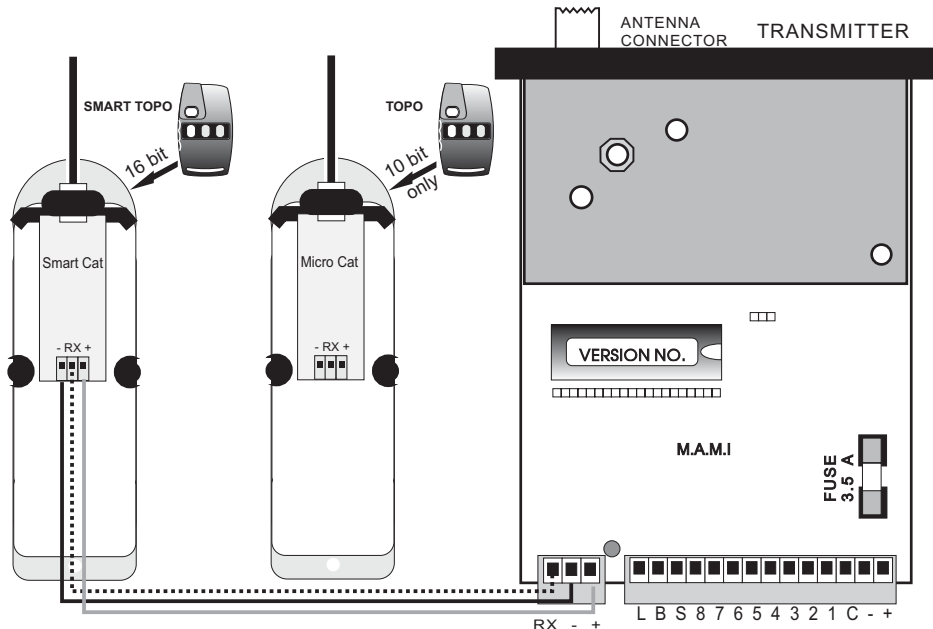
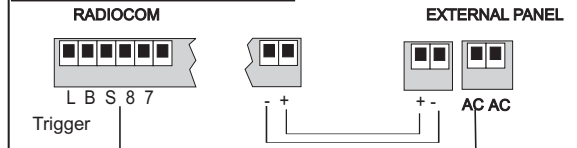


RKF 8CH TRANSMITTER

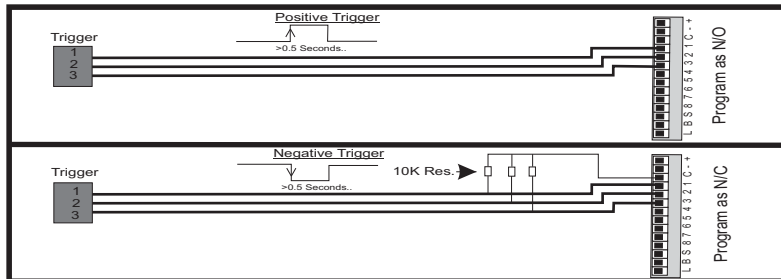


MAINS FAILURE CONNECTIONS



NOTE: External trigger from another alarm panel can be either N/O (by applying 12V DC) or N/C by removing 12V DC)

ARM/DISARM LED (OPEN COLLECTOR)
BUZZER OUT (OPEN COLLECTOR)
SIREN TRIGGER OUT (OPEN COLLECTOR)
INPUT 8
INPUT 7
INPUT 6
INPUT 5
INPUT 4
INPUT 3
INPUT 2
INPUT 1
COMMON +12VDC TO DETECTORS C
(13.8VDC) -VE IN -
+VE IN +



(S0022DFX Xtal)
(S0022FXX Synth)

RKF 8CH TX INSTALLATION MANUAL

PROGRAMMING OPTION REGISTERS (USE THE RKF PROGRAMMER) 1 & 2

TO PROGRAM:
 1. HOLD THE SELECTED REGISTER KEY **KEYPAD** **DISPLAY**
 UNTIL A "P" IS DISPLAYED (E.G. "3") **3** **P**
 2. ENTER EIGHT "0" OR "1" AS SELECTED **?** **0/1** OR **1/0**

TO VISUALIZE:
 PRESS SHORTLY THE NUMBER OF THE **KEYPAD** **DISPLAY**
 REGISTER YOU WANT TO CHECK. **?**
 THE DISPLAY WILL SHOW SEQUENTIALLY
 THE CONTENT OF THE REGISTER **0/1** OR **1/0**

OPTIONS REGISTER NO. 1		1	FACTORY DEFAULT
ON= SIREN WITH REMOTE PANIC	OFF= NO SIREN	0 1	0
ON= 3 MINUTE SIREN	OFF= 3 SECOND SIREN	0 2	0
ON= SIREN BEEPS WITH ARM/DISARM	OFF= NO SIREN BEEPS	0 3	0
ON= N/A	OFF= N/A	0 4	0
ON= see table	OFF= see table	0 5	0
ON= see table	OFF= see table	0 6	0
ON= see table	OFF= see table	0 7	0
ON= see table	OFF= see table	0 8	0

DO YOU WANT TO TRANSMIT TO THE BASE VIA A REPEATER ?

NO REPEATER	REPEATER 1	REPEATER 2	REPEATER 3	REPEATER 4	REPEATER 5	REPEATER 6	REPEATER 7	REPEATER 8	REPEATER 9	REPEATER A	REPEATER B	REPEATER C	REPEATER D	REPEATER E	REPEATER F
5 0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
6 0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1
7 0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1
8 0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

OPTIONS REGISTER NO. 2		2	FACTORY DEFAULT
ON= N/A	OFF= N/A	0 1	0
ON= N/A	OFF= N/A	0 2	0
ON= REPORT BATTERY LOW IN SENSORS	OFF= NO REPORT	0 3	0
ON= REPORT ARMING/DISARMING	OFF= NO REPORT	0 4	0
ON= REPORT SYSTEM BATTERY LOW	OFF= DO NOT REPORT SYSTEM BATTERY LOW	0 5	0
ON= SEND ZONE 8 AS MAINSFAIL	OFF= SEND ZONE 8 AS NORMAL	0 6	0
ON= SEND FTX PROTOCOL	OFF= SEND DTMF PROTOCOL	0 7	0
ON= N/A	OFF= N/A	0 8	0

BIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BINARY	0	1	0	1	0	1	1	1	0	0	1	0	0	0	0	0
DECIMAL	1	2	4	8	16	32	64	128	256	512	1024	2048	4096	8192	16384	32768
ADD	2 + 8 +				32+ 64+128+			256		512		1024=		1258		

PROGRAMMING THE ZONES OPTION REGISTERS 3 TO 7

DATA IS ENTERED FROM LEFT TO RIGHT. THE FACTORY DEFAULT SETTINGS ARE GIVEN BELOW THE OPTIONS.
 REGISTER ZONE NUMBER WHAT TO ENTER

	3	4	5	6	7
INPUT INVERT	1 1 1 1 1 1	1 = INPUT IS NORMALLY CLOSED 0 = INPUT IS NORMALLY OPEN ← FACTORY DEFAULTS			
INPUT DETECT TIME	0 0 0 0 0 0	1 = 15 SECOND DETECTION TIME 0 = 0.5 SECOND DETECTION TIME ← FACTORY DEFAULTS			
INPUT SIREN REQUEST	1 1 1 1 1 1	1 = INPUT WILL ACTIVATE SIREN 0 = INPUT WILL NOT ACTIVATE SIREN ← FACTORY DEFAULTS			
OPEN/CLOSE REPORT	0 0 0 0 0 0	1 = INPUT WILL REPORT "OPEN/CLOSE" 0 = NO REPORT ← FACTORY DEFAULTS			
ALARM/RESTORE REPORT	0 0 0 0 0 0	1 = INPUT WILL REPORT "ALARM/RESTORE" 0 = NO REPORT ← FACTORY DEFAULTS			

PROGRAMMING THE IDENTIFICATION REGISTERS C, D & A

I.D. CODE OF THE TRANSMITTER OR TEL. COMMUNICATOR C

1	2	3	4
5	0	0	0

ENTER A 4-DIGIT NUMBER. ← FACTORY DEFAULTS

ONLY WHEN USING RADIO OR TEL. COMMUNICATORS WITH UHF SMART CAT RECEIVER FOR REMOTE CONTROL.

DIP-SWITCH CODING D

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0

1 = 'ON' 0 = 'OFF' ← FACTORY DEFAULTS

ONLY WHEN USING RADIO OR TEL. COMMUNICATORS WITH BUILT-IN UHF RECEIVER FOR REMOTE CONTROL.

DIP-SWITCH CODING D

1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	1	1	1	1	1

1 = 'ON' 0 = 'OFF' BITS 5 TO 10 MUST MATCH USER ← FACTORY DEFAULTS

RESET TO FACTORY DEFAULTS: HOLD KEY 9 UNTIL E IS DISPLAYED

PROGRAMMING THE EXTENDED OPTION REGISTERS FOR EACH ZONE 0 ?

ARMED/DISARMED INPUTS 0 1	1 2 3 4 5 6 7 8	0 0 0 0 0 0 0 0	1 = INPUT CAN BE ARMED OR DISARMED 0 = INPUT IS DISABLED ← FACTORY DEFAULTS
24HRS (EMERGENCY) INPUTS 0 5	1 2 3 4 5 6 7 8	0 0 0 0 0 0 0 0	1 = INPUT IS ALWAYS ACTIVE (24 HRS) 0 = INPUT IS DISABLED ← FACTORY DEFAULTS
INPUTS REQUIRING ENTRY DELAY 0 6	1 2 3 4 5 6 7 8	0 0 0 0 0 0 0 0	1 = INPUT WITH ENTRY DELAY 0 = INPUT WITH NO ENTRY DELAY ← FACTORY DEFAULTS
VALUE IN SECONDS OF ENTRY DELAY 0 7	1 2 3 4 5 6 7 8	0 0 1 0 1 0 0 0	VALUE IN SECONDS OF ENTRY DELAY (USE BINARY TABLE) ← FACTORY DEFAULTS (20 SEC)
AUTO TEST INTERVAL (IN HRS) 0 8	1 2 3 4 5 6 7 8	0 0 0 0 1 1 0 0	VALUE IN HOURS OF INTERVAL BETWEEN SELF TESTS ← FACTORY DEFAULTS (48HRS)