BEA INC. UNIVERSAL REMOTE CONTROL REFERENCE GUIDE

75.0151 V5 July 2003

FUNCTION	EAGLE	BODYGUARD	DK-12
	LOCK	LOCK	NOT USED
	UNLOCK	UNLOCK	NOT USED
	INQUIRY	INQUIRY	INQUIRY
	SENSITIVITY (0 – 9 max) **Default = 8**	SENSITIVITY (0 – 9 max) **Default = 8 closed, 8 open**	SENSITIVITY (0 – 9 max) **Default = 8 closed, 7 open**
	HOLD TIME (0-9) (**0.5 sec** – 9 sec) **Default = 0 (.5 sec)**	HOLD TIME (0-9) (1 - 10 sec) **Default = 0 (1 sec)**	HOLD TIME (0-9) (1 sec – 10 sec) **Default = 0 (1 sec)**
	RELAY OUTPUT (1-4) **1. Active output*** 2. Passive output** 3. ON 4. OFF **Default = 1 (Active)**	RELAY OUTPUT (1-4) **1. Active output*** 2. Passive output** 3. ON 4. OFF **Default = 1 (Active)**	RELAY OUTPUT (1-4) 1. Passive output** **2. Active output*** 3. ON 4. OFF **Default = (Active)**
	NOT USED	AUTO LEARN TIME (0-9) **0 30 sec** 5 7 min 1 1 min 6 10 min 2 2 min 7 15 min 3 3 min 8 20 min 4 5 min 9 25 min	AUTO LEARN TIME (0-9) 0 30 sec 5 7 min **1 1 min** 6 10 min 2 2 min 7 15 min 3 3 min 8 20 min 4 5 min 9 25 min
	DETECTION MODE (1-3) 1 Bidirectional 2 Unidirectional **3 Unidirectional with MTF** **Default = 3 (Uni-Directional With MTF)**	PATTERN WIDTH (1-9) 1 Wide **(Default – door closed)** 2 Middle **(Default – door open)** 3 Asymmetrical Left Narrow 4 Asymmetrical Right Narrow 5 Narrow Left 6 Narrow Right 7 Asymmetrical Left Wide 8 Asymmetrical Right Wide 9 Center Narrow **Default = 1 (Wide/Middle)**	PATTERN WIDTH (1-6) 1 Wide **(Default – door open & closed)** 2 Left Wide 3 Right Wide 4 Left Narrow 5 Center Narrow 6 Right Narrow **Default = 1 (Wide)**
	IMMUNITY (1-3) 1. Extreme sensitivity **2. Normal sensitivity** 3. Decreased sensitivity	PATTERN DEPTH (1-3) 1. Deep pattern 2. Medium pattern 3. Limited pattern **Default = 1 door closed, 1 door open**	NOT USED
	NOT USED	FREQUENCY (1-2) 1. Normal frequency 2. **Random frequency** 1 3. Random frequency 2	FREQUENCY (1-2) **1. High impulse** 2. Low impulse
	RESTORE DEFAULT SETTINGS (1)	SET-UP (1-3) – See manual 1. Door closed 2. Door open 3. Restore factory defaults	SET-UP (1-3) – See manual 1. Door closed 2. Door open 3. Restore factory defaults

***Passive output (Fail-Safe):** NO-COM circuit is closed and NC-COM circuit is open
**** Active output (Fail-Secure):** NC-COM circuit is closed and NO-COM circuit is open.

Using The Remote Control

1. Every programming session with the remote control MUST begin by unlocking the sensor (except for DK-12). Press the UNLOCK key once, and the sensor will unlock, unless there has been a passcode previously stored. If so, press UNLOCK once, then enter the code. If code is unknown, power the sensor OFF, then power back ON. Press UNLOCK with 60 seconds, then re-lock with the new code when programming is complete. The default code is 0000 and is not required to be entered.
2. To INQUIRE a setting, simply UNLOCK the sensor, then press the desired function key, followed by the "?" key. Observe the LED on the sensor and count the number of flashes to determine current setting.
3. When programming is complete, press the LOCK key twice. If a passcode is desired, press the LOCK key once, followed by a 4-digit code.
4. If there are several sensors in close proximity to one another, be sure to exercise caution when programming, as to not unlock more than one sensor at a time.

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Defaults shown in bold print if not not stated.

FUNCTION	IS-87/ IS-87XL	FALCON	WIZARD
	LOCK	LOCK	LOCK
	UNLOCK	UNLOCK	UNLOCK
	INQUIRY	INQUIRY	INQUIRY
	SENSITIVITY (0 min – 9 max) **Default = 7**	SENSITIVITY (0 min – 9 max) **Default = 7**	SENSITIVITY (0 min – 9 max) **Default =** 7
	HOLD TIME (0-9) (**0.5 sec** – 9 sec) **Default = 0 (0.5sec)**	HOLD TIME (0-9) (**0.5 sec** – 9 sec) **Default = 0 (0.5sec)**	HOLD TIME (0-9) (**0.5 sec** – 9 sec) **Default = 0 (0.5sec)**
	RELAY OUTPUT (1-4) **1. Active output*** 2. Passive output** 3. ON 4. OFF **Default = 1 (Active)**	RELAY OUTPUT (1-4) **1. Active Output*** 2. Passive Output** 3. ON 4. OFF **Default = 1 (Active)**	RELAY OUTPUT (1-4) 1. Active Relay / Passive Transistor 2. Passive Relay / Active Transistor 3. Passive Relay / Passive Transistor **4. Active Relay / Active Transistor** 5. All Relay Output – Active 6. All Relay Output – Passive (5 & 6 on SN 52000 and higher only)
	NOT USED	NOT USED	0 = 30 Sec **1 = 1 Minute** 2 = 2 Minutes 3 = 5 Minutes 4 = 10 Minutes 5 = 15 Minutes 6 = 20 Minutes 9 = Infinity (9 is on SN 60000 and higher only)
	DETECTION MODE (1-3) 1. Bidirectional **2. Unidirectional approach** 3. Unidirectional depart **Default = 2 (Unidirectional Approach)**	DETECTION MODE (1-3) 1. Bidirectional **2. Unidirectional approach** 3. Unidirectional depart **Default = 2 (Unidirectional Approach)**	DETECTION MODE (1-3) 1. Bidirectional 2. Unidirectional **3. Unidirectional With MTF** **Default = 3 (Unidirectional with MTF)**
	TYPE OF DETECTION (1-2) 1. Pedestrian & Vehicle 2. Pedestrian only **IS-87 Default = 2 (Ped. Only)** **IS-87XL = 1 (Ped. And vehicle)**	REJECTION MODE (1-5) **1. Detects all traffic :pedestrian & vehicle** 2. Detects all traffic + interference immunity 3. Low Pedestrian / Parallel traffic rejectiion 4. Mid Pedestrian / Parallel traffic rejectiion 5. High Pedestrian / Parallel traffic rejectiion	IMMUNITY (1-3) (MOTION) 1. Extreme sensitivity **2. Normal sensitivity** 3. Decreased sensitivity
	NOT USED	NOT USED	INFRARED SENSITIVITY (1-2) 1. Low gloss (high sensitivity) 2. **High gloss (INormal sensitivity**)
	RESTORE DEFAULT SETTINGS (1)	RESTORE DEFAULT SETTINGS (1)	SET-UP (0-2) – see manual 0. Infrared – Learn Background **1. Normal mounting height (7-10')** 2. Higher mounting height (10-12')

***Passive output (Fail-Safe):** NO-COM circuit is closed and NC-COM circuit is open

**** Active output (Fail-Secure):** NC-COM circuit is closed and NO-COM circuit is open.