APPLICATION NOTE

UNIVERSAL WIRELESS TRANSMITTER

This Application Note applies to the following BEA Products: 900 MHz Universal Transmitter

SCOPE: To define the proper procedures for programming/unprogramming the 900 MHz Universal Transmitter used in accessibility applications.

WARNING: UNIVERSAL TRANSMITTERS ARE DESIGNED FOR ACCESSIBILITY APPLICATIONS - NOT SECURITY APPLICATIONS!

STANDARD 900 MHZ RECEIVER (10RD900)

refer to UG 75.5786 for programming and unprogramming instructions

PROGRAMMING:

◊ The Universal Transmitter can be programmed to a 900 Mhz Receiver with or without a delay.

◊ Once one (1) Universal Transmitter is programmed, **ANY/ALL** Universal Transmitters will function in the same manner. Programming a Universal Transmitter to a 900 MHz Receiver only takes up 1 of the 75 allowable spots, because all Universal Transmitters share the same code.

UNPROGRAMMING A SINGLE TRANSMITTER:

◊ Following the steps to unprogram a single Universal Transmitter will unprogram **ANY/ALL** Universal Transmitters.

OR

UNPROGRAMMING ALL TRANSMITTERS:

◊ Following the steps to unprogram all transmitters will unprogram both standard transmitters and **ANY/ALL** Universal Transmitters.

Br2-900 (10BR2900)

refer to UG 75.5886 for programming and unprogramming instructions

PROGRAMMING:

◊ The Universal Transmitter does not need programmed to the Br2-900. All Universal Transmitters utilize the same software code that is hard-coded into the Br2-900 software. When the DIP switch is set to UNI, ANY/ALL Universal Transmitters will function ALL OF THE TIME, regardless of other settings.

◊ The Universal Transmitter can also be programmed the same as a standard transmitter and only takes up 1 of the 75 allowable spots since all Universal Transmitters share the same code. **CAUTION: NEVER LEARN A UNIVERSAL TRANSMITTER AS "UNSECURE", AS THIS COULD CAUSE SECURITY RISKS.**

◊ If the Br2-900 is wired for D/N mode, the DIP switch must be set to "STD"; otherwise, security risks are possible. Acceptable DIP switch + Day/Night Mode settings:

	✓	✓	✓	✗
DIP SWITCH	STD	UNI	STD	UNI
D/N STATUS	OPEN	OPEN	CLOSED	CLOSED

UNPROGRAMMING SINGLE TRANSMITTER:

◊ Following the steps to unprogram a single Universal Transmitter will not unprogram it from the Br2-900 Universal mode because it is hard-coded within the Br2-900 software.

◊ However, if a Universal Transmitter is programmed as a standard ("secure") transmitter, unprogramming a single Universal Transmitter will remove ANY/ALL Universal Transmitters from standard ("secure") transmitter functionality.

OR

UNPROGRAMMING ALL TRANSMITTERS:

◊ Following the steps to unprogram all transmitters will not unprogram the Universal Transmitter from the Br2-900 Universal mode because it is hard-coded within the Br2-900 software.

◊ However, if a Universal Transmitter is programmed as a standard ("secure") transmitter, unprogramming all transmitters will remove ANY/ALL Universal Transmitters from standard ("secure") functionality as well as any standard transmitters programmed.

Reference the applicable product's User's Guide for more information.