

- If the SAU-1900E has been subject to an extreme physical blow.
- If the SAU-1900E does not operate normally according to these instructions, and the Troubleshooting Guide within this User Guide has not solved the problem.
- If the unit exhibits a distinct change in performance that is not documented in these instructions.

Under any of these conditions, DO NOT attempt to service the SAU-1900E yourself, as this could result in risk of fire or personal injury.

Exposure to Radio Frequency Signals

Your SAU-1900E is a low power radio transmitter and receiver. When it is ON, it receives and also sends out Radio Frequency (RF) signals.

In August, 1996 the Federal Communications Commission (FCC) adopted new guidelines for evaluating human exposure from mobile and portable devices, such as cellular telephones and personal communication devices. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz. Limits are also specified for localized ("partial body") absorption. These guidelines SAU-1900E User Guide 2

are consistent with ANSI C95.1 (1992) (American National Standards Institute) safety standards which have been adopted by both the U.S. and international standards bodies. These standards are based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

Your SAU-1900E meets and/or exceeds the governments' standard for maximum permissible exposure to RF exposure of less than 1mw / cm².

Always install the unit in a place that will ensure that no part of the body will be within 20 cm of the unit. To further ensure that this is adhered to use an extension phone located in another room, or remotely install the unit in a closet or on the wall high enough to maintain 20 cm distance while the unit is in operation.

The SAU-1900E was tested and found to be in compliance with the MPE levels required by the FCC and Industry Canada. The MPE value for this model is .65 mw / cm². This test was done with the transmitter operating at its maximum power output. In normal operations the RF output is lower due to the control signal sent from the base station site.

Further information related to exposure to radio frequency energy can be obtained at the FCC's website

at: www.fcc.gov/oet/rfsafety.

The long term characteristics or the possible physiological effects of radio frequency electromagnetic fields have NOT been investigated by U.L.

Radio Frequency Energy and Explosives

DO NOT store nor operate the SAU-1900E in the same area where flammable liquids, gases, or explosive materials are stored.

Frequencies from the SAU-1900E can interfere with blasting operations. DO NOT operate the SAU-1900E near areas where blasting operations are in progress or in areas posted "Turn off two-way radio".

Ventilation Requirement

The SAU-1900E has several slots and openings on the enclosure in order to protect it from overheating. To ensure adequate ventilation, these slots and openings must never be covered or blocked. To reduce the possibility of blocking the slots and openings, DO NOT place the unit on surfaces such as a bed, sofa, rug, or other similar surface, nor place anything on the unit. DO NOT push any object through the slots and openings in the cabinet. The object may touch dangerous voltage points or cause damage to the SAU-1900E which could result in risk of fire or electrical shock.

Battery Safety

CAUTION: Your SAU-1900E unit contains a lead-acid battery (optional accessory). Some countries and states forbid disposal with household waste - call your local solid waste station for disposal instructions.

Additional safe handling of the battery includes the following:

NEVER open the battery pack.

DO NOT short the battery contacts together.

NEVER dispose of the battery in an open flame or incinerator.

Only use approved batteries (YUASA or YUASA-EXIDE Model NP2-12). Using other batteries will void your warranty and could cause damage or injury.

Antenna Safety

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications or attachments could damage the phone and may violate FCC Regulations and/or IC Standards.

DO NOT touch the antenna unnecessarily when the SAU-1900E is in use. Contact with the antenna affects the call quality and may cause the unit to operate at a higher power level than otherwise needed.