



INDIVIDUAL, COMPANY AND PLATOON PACKAGE

SOLDIER INTERCOM

INDIVIDUAL PACKAGE



Telex 300-340-000 CSRP headset

F3S-SI-IN: INDIVIDUAL Includes **F3S Radio**, 2 ea **BP-196** batteries, 1 ea **BP-194** alkaline pack, 1 ea **BEE F3S-SI** carrying case, 1 ea **Telex 300-340-000 CSRP** headset, packaging.

COMPANY PACKAGE



F3S-SI-CO: COMPANY Includes 1 ea **BC-121** gang charger, 6 ea **AD-81** charger adapters, 1 ea **BC-124** power supply (**BC-121F3** kit) and 1 ea **EX-1961** software, 1 ea **OPC-474** cable and 1 ea **OPC-478** cable.

ALSO AVAILABLE: F3S-SI-CO.1: COMPANY WITH ANALYZER Includes 1 ea **Analyzer IV** (charges, analyzes and re-conditions batteries) with 6 **BP-196** adapters, 1 ea **EX-1961** software, 1 ea **OPC-474** and **OPC-478** programming cables.

COMPANY.1 PACKAGE



BACKGROUND

The Soldier Intercom (SI) program was developed to satisfy the need for an infantry inter-squad radio. "The individual soldier operates in a high tempo, high risk, combat environment. Intersquad commands and communications are passed verbally from person to person or by hand and arm signals. These are often misunderstood, and can result in inaccurate and incomplete situational awareness, especially at night."*

"The success of a squad's mission depends on the ability of the squad leader to communicate rapidly to each individual squad member precise changes in plans and orders, as well as changes in friendly and enemy situations. The individual soldier at the squad level must be able to plan and react quicker than the enemy. The SI will give the individual soldier that capability."* No inter-squad electronics communications capability currently exists.

- **STEALTH OPERATION**
- **LOW THREAT EXPOSURE**
- **RUGGED MIL SPEC CONSTRUCTION**
- **ALL WEATHER CASE**
- **LANYARD RING FOR SECURE ATTACHMENT**
- **COMPLETE PACKAGE FOR SOLDIER, COMPANY AND PLATOON**
- **EASY GSA ORDERING ON GSA# GS-35F-0109L**
- **START UP INSTRUCTION FOR EASY TRAINING AND IMPLEMENTATIONS**

PLATOON PACKAGE



F3S-SI-PL: PLATOON Includes 1 ea **BC-121** gang charger, 6 ea **AD-81** charger adapters, 1 ea **BC-124** power supply (**BC-121F3** kit) and 1 ea **OPC-474** cable.

The SI is a Commercial Off-The-Shelf procurement, which evaluated capabilities and features against cost objectives. Transceivers were tested in combat conditions over a 4 week period, at the U.S. Army Tropic Test center, Republic of Panama, in an operationally realistic field environment while engaged in offensive and defensive battle drills. Test results were published in the "System Evaluation Report For The Soldier Intercom (SI)," June 22, 1998, by the U.S. Army Operational Test and Evaluation Command.

Overall, 100% of the participants stated that the SI provided better knowledge of their position, tactical situation and threat, and 96% considered it an improvement over hand and arm signals. The SI helped them in "knowing what's going on" which gave them a sense of having control of the situation.

The field leadership were unanimous in rating the effectiveness of the squads using the SI. The platoon leader observed "each squad was able to monitor the other squads' progress, problems, success, etc. as the mission was developing." Reactions were better during unplanned and unrehearsed segments, and there was better control over each individual.

EQUIPMENT

IC-F3S	VHF Portable Transceiver, 136-150 MHz, up to 5W, 32 channels
BP-194	Battery Case, holds AA(R6) x 8 alkaline batteries
BP-196	Battery Pack, 9.6 V/1050 mAh
BEE F3S-SI	Carrying Case
TELEX 300-340-000	Speaker: waterproof (depth of 3ft.), single-sided speaker, noise cancelling mic.
BC-121	Multi-Charger, for rapid charging up to six battery packs simultaneously. BC-124 adapter necessary for use with AC power. Six AD-81's are necessary. Charging time: 1.5 to 2 hours
BC-124	AC Adapter, used for BC-121 Gang Charger, output voltage/current: 12V/7 A
AD-81	Charger Adapter, necessary for the BC-121 Multi-Charger
OPC-474	Cloning Cable/Radio to Radio
OPC-478	Programming Cloning Cable for PC to Radio
EX-1961	PC Programming Software
ANALYAER IV	Charges, analyzes and re-conditions up to 6 BP-196 battery packs simultaneously
BC-121F3	Gang Charger Kit, includes 1 ea BC-121, 1 ea BC-124 and 6 ea AD-81

All stated specifications are subject to change without notice or obligation.

To order call: 425-454-8155

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