

3M™ Scott™ EPIC 3 Radio Interface (RI) Voice Communication System



The 3M Scott EPIC 3 Radio Interface (RI) Voice Communication System is a **professional smart audio solution** engineered to optimize tactical on-scene and radio communications in hazardous, high-noise environments. Offered by **IST Safety Ltd (IST İşçi Sağlığı Teçhizatı)**, this advanced system integrates seamlessly with compatible full-face respiratory masks, particularly the 3M Scott AV3000 series, ensuring that personnel can communicate clearly without compromising their respiratory protection.

The EPIC 3 RI system captures the user's voice through an in-mask microphone and utilizes advanced Digital Signal Processing (DSP) technology to filter out ambient background noises such as engines, roaring fires, or heavy industrial machinery. Equipped with integrated Bluetooth® technology, it connects wirelessly to field two-way radios, enabling hands-free or manual radio communications via robust Push-To-Talk (PTT) mechanisms. Its rugged, waterproof, and impact-resistant IP66/67 housing guarantees that emergency responders maintain seamless coordination during critical operations.

Usage Areas

- **Firefighting & Structural Rescue:** Ensuring clear radio coordination between firefighting crews and command centers amid heavy smoke, high ambient noise, and extreme environments.
- **Oil, Gas & Petrochemical:** Securing reliable radio communications during turnaround (shutdown) and maintenance operations conducted near noisy compressors or processing zones.
- **Confined & Restricted Spaces:** Delivering crisp voice transmission within storage tanks, tunnels, and underground utility vaults where echoing and external noise levels are elevated.
- **Search & Rescue (SAR):** Establishing a continuous, dependable communication network for rescue squads operating in disaster zones and structural collapses.

TECHNICAL DETAILS



EPIC 3 Bluetooth®

LSM Kenwood

TK280/290/380/390

Series



EPIC 3 Bluetooth®
LSM Motorola Radius
GP300 series



EPIC 3 Bluetooth®
LSM Harris
P5400/7300, Unity
Series, XG series



3M™ Scott™ EPIC 3 Accessories

Specialised communication accessories that extend the 3M™ Scott™ EPIC 3 utility include command headset, throat microphone with earpiece and remote ring push-to-talk (PTT) control, remote PTT paddle device, and remote ring PTT control device.

- EPIC 3 Ring PTT
- EPIC 3 Paddle PTT
- EPIC 3 Throat Mic
- EPIC 3 EPIC 3 Bluetooth® Programmer Interface with USB cable



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