TiMax TRACKER d4

Precision Stagetracking for sound, light and media control

TiMax TrackerD4 Precision Stagetracking liberates your event production allowing sound, lighting and video designers to focus on the creative.

Rehearsal times are slashed by eliminating lengthy cue blocking to follow the action. Immersive spatial audio localisation is precise and totally automatic leaving the sound engineer to concentrate on the mix.

Dual-mode UWB RF tracking technology massively reduces errors caused by reflections, body blocking and scenery obstruction. Multiple sensor viewpoints add redundancy - only two Sensors need to see a Tag for precise and reliable 3D tracking to be achieved.

Drives TiMax SoundHub, Soundscape, L-ISA, GrandMA, disguise, ETC Eos

UWB RF fast precision tracking indoors and outdoors

Dual-mode Angle(AoA) and Time(TDOA) of Arrival analysis

Multi-sensor redundancy to see round corners

Miniature performer tracking tags worn almost anywhere

Long battery life up to three months between changes

Rapid sensor deployment with straightforward calibration
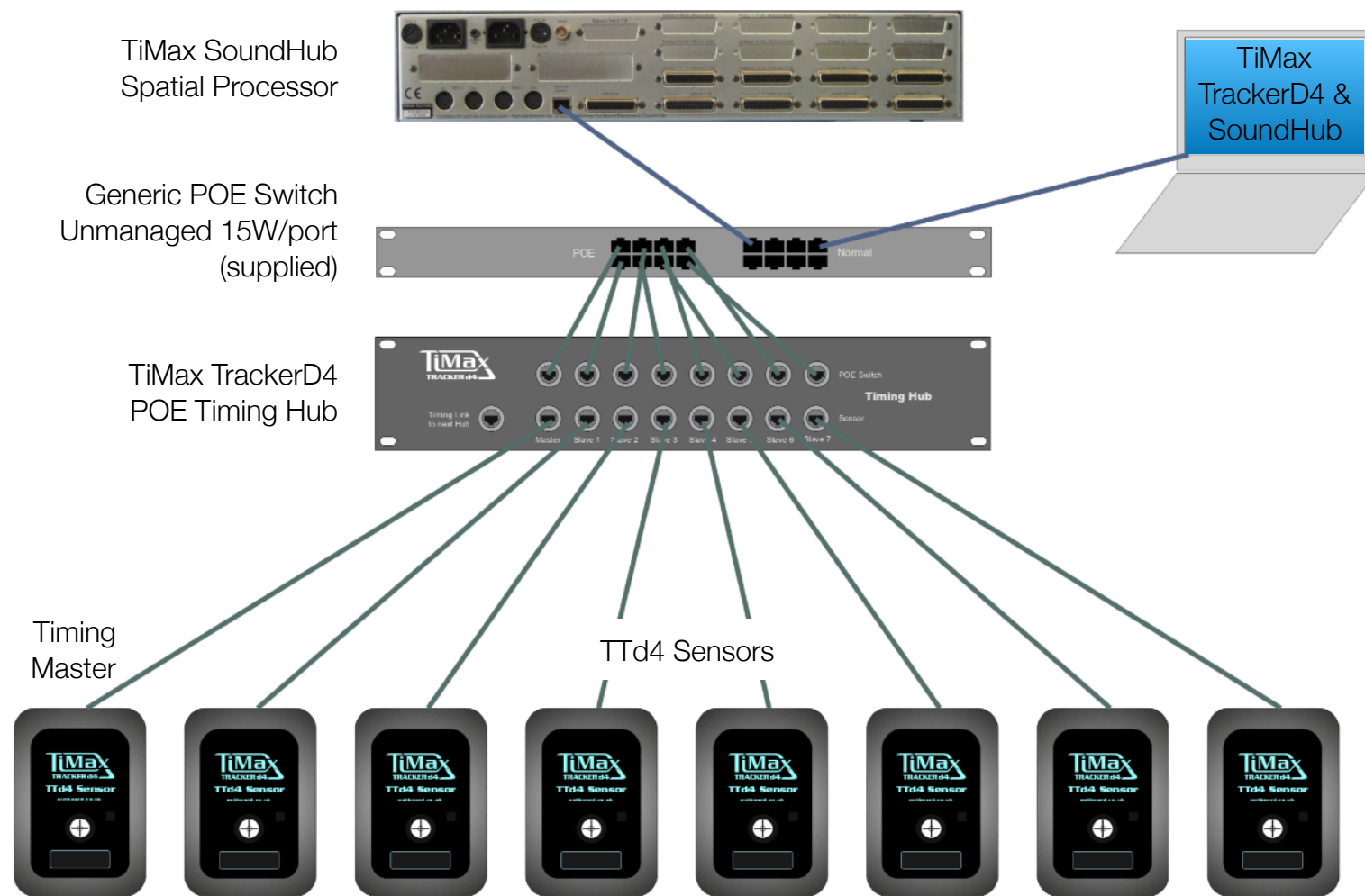
Backup and multi-scene Tag management

Interfaces to OSC, PosiStageNet, sACN

Enhanced ROI potential across audio, lighting and media control

Unparalleled affordability, entry-level and scaleability

TiMax SoundHub
Spatial Processor

TiMax
TrackerD4 &
SoundHub

Generic POE Switch
Unmanaged 15W/port
(supplied)

TiMax TrackerD4
POE Timing Hub

Timing
Master

TTd4 Sensors

SPECS

Sensor 220 x 150 x 90mm (8.7" x 5.9" x 3.5"), 1.1Kg (38.8oz), IP69K, 15W MAX POE

Tag 54 x 40 x 14mm (2.1" x 1.6" x 0.55"), 35g (1.2oz), IP69K, LTC-7PN lithium cell

Tag Battery LTC-7PN lithium cell, non-rechargeable, typical 3 months life (10Hz rate)

Tag refresh rate 10Hz (standard) to 20/30/50Hz (factory-set), up to 40 tags simultaneously

Sensor/Tag range up to 80m (260'), tracking accurate to 10cm (4") in 3-dimensions

Sensor redundancy minimum two Sensors need to see the Tag, typical system 4, 6 or 8 Sensors

Sensor individual field of view 140H x 90V degrees

Temperature, Humidity Sensors -40C to 65C (-40F to 149F), 0-95%

Temperature, Humidity Tags -40C to 85C (-40F to 185F), 0-95%

Tags transmit UWB RF over 6-8GHz range IEEE802.15.4f compatible

Certifications US: FCC Part15 ClassB, Canada: RSS-GEN, RSS-210, RSS-220, EU: CE

Connection Ethercon CAT5e UTP or higher, 80m max each Sensor to TTd4 POE Timing Hub

POE Timing Hub (2U 19" x D15cm) with Ethercons + 1U POE Switch with 16 x RJ45

Manufacturer reserves the right to change specifications at any time without notice

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