

New Aviation Electronics Long-Range Jumper



Overview

The JUMP 20 offers exceptional time on target: it boasts 13+ hours of endurance and a 185-km range, and its operational altitude of 17,000 feet ensures a low visual and acoustic signature. This runway-independent VTOL can be rapidly deployed on land or at sea in less than 30 minutes, providing persistent multi-sensor ISR for a variety of missions. ("JAE" HQ: Tokyo, Japan. President: Tsutomu Onohara) and Yamaichi Electronics Co. President: Junichi Kameya) have jointly developed a prototype of high-speed jumper cable interconnect product which supports the 112Gbps. Compact, powerful, and ELRS-ready—take control with the Jumper T12 Max. The T12 Max is Jumper's compact, classic-format radio designed for both beginners and experienced pilots. Explore our ELRS Transmitters & Receivers collection, featuring ultra-low latency, long-range 2.4GHz and 915MHz ExpressLRS systems. Ideal for FPV drones, fixed-wing, and RC aircraft, this lineup includes top brands like RadioMaster, Jumper, and iFlight—offering reliable, high-performance control. So i got new radio, because i wanted something powerfull for long range flights because 100mw on my T-Lite its ok for flights to 1km but no more and i got this brand new T-20 which has build in 1W (1000mw) ELRS module.



Article Content

JUMP® 20

With its 30-lb payload capacity, the JUMP 20 can accommodate leading long-range EO/MWIR systems while providing onboard tracking, stabilization, and video processing.

JAE and Yamaichi jointly developed 112Gbps Jumper

To fulfill this market demand, Yamaichi and JAE have teamed up and developed a new interconnect product to meet performance and reliability

Jumper T12 Max 500mW ELRS Radio Transmitter with

ELRS is one of the most advanced RC link systems available, offering high refresh rates, adjustable power, long-range performance, and convenient

Emergency Response eVTOL Aircraft | Jump Aero —

Learn how Jump Aero's electric vertical takeoff and landing aircraft is designed for rapid deployment, safety, and life-saving emergency response missions.

ELRS Transmitter & Receivers - RCDrone

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AeroVironment announced the launch of its JUMP 20-X maritime uncrewed aerial system (UAS) during the IDEX 2025 exhibition in Abu Dhabi.

LAISR Empowers Jump 20 UAS to SoAR with SUccESS

This empowers the JUMP 20 with BLOS capabilities, extending its operational range to 115 miles. The JUMP 20 is a vertical takeoff and landing (VTOL), fixed-wing unmanned aircraft for advanced multi

Jumper T20: ELRS-enabled Full Size EdgeTX Radio

The Jumper T-20 is an ELRS enabled long-range radio transmitter (1000mW) for FPV drones and other RC controlled machines.

AeroVironment Unveils JUMP 20-X for Autonomous

Built for long-range, multi-domain operations, JUMP 20-X supports 13-hour flight endurance and beyond-line-of-sight (BLOS) connectivity, ensuring

Pentagon Seeks Jump To Long-Range Targets For Microwave Weapons

Pentagon Seeks Jump To Long-Range Targets For Microwave Weapons is part of our Aviation Week & Space Technology - Inside MRO and AWIN subscriptions.

Avionic Test Kits

Avionic Jumper Leads Pin Size 16 (1.6mm O/D) Part No: 881102 (NSN 6625-01-641-9735) Features: These unique Avionic Test Lead and Jumper Lead Kits are designed to interconnect your Avionic

Jumper LongRange 915mhz Receiver

Many Months after Jumper RC released the 5-1 Multi-Protocol T18 series radio, they now finally have 915mhz receivers to accompany their new

Tested: Best Jumper Cables for 2025

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What is JPR on Boeing 777? (Jumper)

A Jumper on a Boeing 777 is an electrical connector used to establish a connection between two different systems or components. It acts as

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Aircraft bonding jumper: Purpose, advantages, and use cases | Eng ...

aircraft bonding jumper—a type of electrical bonding wire used to electrically connect different parts of the aircraft structure to maintain electrical continuity and prevent static electricity ...

JumperRC

JumperRC New Arrivals Hot Sales Recommend 2025 NEW! Jumper Smart - Color Screen Built In ELRS Ra.. NEW! Bumblebee 2.4GHz / 915MHz / 868MHz Bulit-in

Review: Jumper T12 Radio | Budget Transmitter for FPV!

The Jumper T12 might be one of the best value radios on the market right now. It's convenient and flexible as it supports multi

The Art of Electromagnetic Attack | Aviation Week

The EA-37B weapon system provides precise, high-powered, long-range, stand-off jamming. Make it an unfair fight with the EA-37B.

Jumper T15 2.4G ELRS 1000mW 3.5 Inch Color Screen

Elevate your RC experience with the Jumper T15 ELRS Radio Controller, featuring a 3.5" color touch screen and long-range capabilities for precise drone control.

Jumper T16 PRO radio with internal multimodule

Jumper T16 radio has just got upgraded to Jumper T16 Pro. Jumper T16 Pro version now includes a built in multiprotocol TX module freeing up the

24 Piece Rack Length Avionics Test Lead & Jumper Set

The avionics test lead & jumper set is ideal for avionics technicians that routinely perform ring outs of heavy wiring modifications or advanced troubleshooting of repetitive/intermittent defects.

Grounding and Bonding in Aircraft

Bonding refers to the practice of electrically connecting various metallic components within an aircraft to minimize differences in electrical potential and prevent the buildup of static electricity. Bonding

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What is JPR on Boeing 737? (Jumper)

Engineered to meet stringent safety standards, the Jumper contributes to the overall reliability and efficiency of the Boeing 737, ensuring a

Jumper T15 ELRS 2.4GHz Radio Transmitter w/ 3.5"

Introducing the Jumper T15 2.4GHz Radio Controller, the 2024 flagship from JumperRC. Featuring advanced VS-M Hall Sensor Gimbals for precise control

BONDING FOR LIGHTNING PROTECTION

All external electrically isolated conducting objects (except antennas) should have a bonding jumper to the aircraft to ensure a low- impedance path. This is done so the voltage drop developed across the

Jumper T15 Radio Review: A Feature-Packed Radio for

The Jumper T15 is a great option for a wide range of FPV drone pilots, but it will be especially appealing to the following groups: Pilots Looking

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

