

Starship Subspace Mass

A FTL detection system using the properties of Subspace to detect vessels either in FTL flight or sub-light flight. Used for both early warning and navigation, the Abwehrans also use it for long-range, real-time targeting. Though, while it is a Faster Than Light, powerful detection system, it doesn't give an operator much detail. Not only does it only detect the mass of an object, but it can only detect objects above 60,000 kilograms (60 metric tons). While this isn't much of a problem for space craft, the Powered Armor of Yamatai are literally invisible to this detection.

Subspace Mass Sensors are a warship's lifeline. Without them, they would be vulnerable to long-range attacks and be unable to intercept invaders. It also helps that Subspace Mass Sensors can also be linked into squadron tactical networks and system defense networks for optimal efficiency.

Detection Range Variation

Ship Type	Effective Range (Passive)	Effective Range (Active)
Escorts	10 Light Hours (10,792,528,488 Kilometers)	2 Light Days (51,804,136,742 Kilometers)
Cruisers	20 Light Hours (21,585,056,976 Kilometers)	5 Light Days (129,510,341,860 Kilometers)
Capital Ships	1.25 Light Days (32,377,585,464 Kilometers)	12 Light Days (310,824,820,450 Kilometers)

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