*LIGO Laboratory / LIGO Scientific Collaboration*

LIGO-E12xxxxx-v1 *LIGO* Date

Operation Manual for < device, unit, assembly, ... name>

Author(s)

Distribution of this document:

LIGO Scientific Collaboration

This is an internal working note

of the LIGO Laboratory.

|  |  |
| --- | --- |
| **California Institute of Technology**  **LIGO Project** | **Massachusetts Institute of Technology**  **LIGO Project** |
| **LIGO Hanford Observatory** | **LIGO Livingston Observatory** |

http://www.ligo.caltech.edu/

Contents

[1 Safety, general warnings and cautions 2](#_Toc340561894)

[2 Description and Purpose 2](#_Toc340561895)

[3 Context within aLIGO 2](#_Toc340561896)

[4 Quick Start Guide 2](#_Toc340561897)

[5 Setup or initialization 3](#_Toc340561898)

[6 Check-out 3](#_Toc340561899)

[7 Operating Instructions 3](#_Toc340561900)

[8 Calibration 3](#_Toc340561901)

[9 Maintenance 3](#_Toc340561902)

[10 Storage 3](#_Toc340561903)

[11 Troubleshooting 3](#_Toc340561904)

[12 References 3](#_Toc340561905)

[13 Appendices 3](#_Toc340561906)

List of Figures

List of Tables

List of Nomenclature

# Safety, general warnings and cautions

# Description and Purpose

Brief description of the element/component/subsystem covered by this manual and it's purpose.

# Context within aLIGO

describe where this piece of equipment is within the aLIGO System (e.g. a component of subassembly A, which is part of assembly B, which is within the X subsystem)

# Quick Start Guide

Optional section

# Setup or initialization

# Check-out

# Operating Instructions

# Calibration

# Maintenance

# Storage

# Troubleshooting

# References

Include top-level references on the design and specifications for this unit. Include any subsidiary or related manuals.

# Appendices

if/as needed